Metaverse: A Conceptual Study on the Implications for Employer Branding for Gen Z

¹Ajay Nagre, ²Girish Mude

¹Dr. Vishwanath Karad MIT World Peace University, Address: Paud Road, Kothrud, Pune, India 411038

ajay.nagre@mitwpu.edu.in

²Dr. Vishwanath Karad MIT World Peace University, Address: Paud Road, Kothrud, Pune, India 411038

girish.mude@mitwpu.edu.in

How to cite this article: Ajay Nagre, Girish Mude (2024) Metaverse: A Conceptual Study on the Implications for Employer Branding for Gen Z. *Library Progress International*, 44(3), 6518-6529.

ABSTRACT

Purpose

The main purpose of this conceptual study is to explore the prospective implications of the Metaverse on employer branding strategies, with a specific focus on attracting and retaining Generation Z employees entering the workforce. This paper investigates the potential avenues for integrating employer branding within the Metaverse while addressing the anticipated challenges associated with leveraging the Metaverse for employer branding initiatives for Gen Z employees.

Design/ Methodology / Approach

The current study is a conceptual understanding of the use of the Metaverse for employer branding. Based on the review of existing literature, and case studies, the current study proposes a framework for employers to align their EB strategies using the Metaverse as a tool.

Findings

The study identified opportunities for the use of the Metaverse for EB along with the limitations of using this tool. Also, the current study has proposed the conceptual framework for using the Metaverse to attract and retain Generation Z employees.

Research Limitations

The Metaverse, being a recent tool, is currently experiencing limited adoption and implementation, resulting in a scarcity of comprehensive literature in this field. It is anticipated that as empirical evidence accumulates over time, the primary data collected from respondents may differ from the current findings.

Practical Implications

The current study will be useful for the HR professionals engaged in designing and implementing employer branding strategies. Also, the study will address the feasibility and limitations of using the Metaverse as a tool for EB.

Originality

Currently, there are very limited studies that specifically examine the implications of incorporating the Metaverse into Employer Branding strategies specifically for attracting Gen Z employees.

Keywords

Metaverse, Generation Z, Employer Branding, Future Workspace

Introduction

Industry 5.0 is a term coined by the European Commission (EC) (Commission et al., 2021). According to the EC, 'Industry 5.0' complements the existing Industry 4.0 paradigm by highlighting research and innovation as drivers

for a transition to a sustainable, human-centric, and resilient European industry. Human-centricity, a core value of Industry 5.0, places humans in the center of production. It leads to the prioritization of human needs, spanning from health and safety to self-actualization and personal growth (Wang et al., 2024). It moves focus from shareholder to stakeholder value, with benefits for all concerned. Industry 5.0 attempts to capture the value of new technologies, providing prosperity beyond jobs and growth, while respecting planetary boundaries, and placing the well-being of the industry worker at the centre of the production process (Ivanov, 2023).

Similarly, Web 3.0 which is the next-generation Internet represents a paradigm shift in how the Web operates, emphasizing decentralized, user-controlled, and interconnected digital experiences. The metaverse technology which is closely based on the principles of Web 3.0, is known as an advancing paradigm within the next-generation Internet landscape. This continuous and enduring multi-user virtual realm, commonly referred to as the metaverse (Lee and Kundu, 2022), represents an integrated space where the boundaries between the physical and virtual realms dissolve, heralding a novel reality for human engagement (Martínez-Gutiérrez et al., 2024). Metaverse seeks to establish a comprehensively immersive, hyper-spatiotemporal, and self-sustaining virtual shared environment designed to facilitate human engagement in activities such as recreation, professional endeavors, and social interaction (Wang et al., 2023). This emerging 3-D-enabled digital space uses virtual reality, augmented reality, and other advanced internet and semiconductor technology to allow people to have lifelike personal and business experiences online (McKinsey and Company, 2022). The emergence of Industry 5.0 and Web 3.0 has undoubtedly opened up new opportunities and threats for businesses (Rudman and Bruwer, 2016; Marr, 2023). According to the Digital Transformation Theory, organizations must leverage the opportunities presented by digital technologies by adopting change. Digital platforms have created a new way of operating for companies in a business ecosystem (Presch et al., 2020).

As contemporary workplaces are significantly influenced by technological advancements, they are also characterized by evolving demographic trends. Generation Z (Gen Z), also known as the iGeneration is one of the significant trends in the current workplace. Gen Z will be entering the workforce in large numbers and this generation is digital-centric and technology is their identity (Singh and Dangmei, 2016). This and several other studies have highlighted that Gen Z prefers flexibility, inclusivity, and technological integration (Turner, 2015). Organizations that showcase an Interest-value oriented work environment, with exciting projects, innovative practices, and opportunities to contribute ideas, are likely perceived as more attractive employers (Berthon, 2015). This aligns with the concept of Person-Environment (P-E) fit, which suggests individuals are drawn to workplaces that align with their values and interests (Kristof-Brown et al., 2005).

The intersection of metaverse technology and employer branding presents a unique opportunity for organizations to engage Gen Z employees. Emerging technologies such as AI, Blockchain, and Metaverse are frequently used to foster long-term relationships with employees (Pandey et al., 2024). The immersive and interactive nature of the metaverse aligns well with the preferences of Gen Z, who seek engaging and technologically advanced environments. The new age platforms like Gemini, ChatGPT, metaverse, and artificial intelligence provide opportunities for practicing employer branding in novel and immersive ways (Pandey, 2023). Members of Gen Z are true digital natives and from a very young age, they have been exposed to social media, mobile networks, and the internet (Francis and Hoefel, 2018).

Analysis of the existing literature shows that the metaverse's impacts on Human Resource Management go beyond the technological dimension. The metaverse is not only a technology, making available tools and techniques but it is a disruptive force that has the potential to reshape how we interact, participate, learn, and entertain ourselves in the digital age. It has gained substantial attention recently due to its immersive, interconnected, and virtual environment for meeting evolving customer and market demands (Gupta et al., 2024). Several studies have highlighted the unique expectations and characteristics of Generation Z, while others have explored the future of employer branding in the digital age. While the technological aspects of Industry 5.0 and its related technologies like Web 3.0 and Metaverse have started gaining research attention (Maddikunta et al., 2022), its comprehensive understanding and conceptualization across management, organization, and technology perspectives remain underexplored (Ivanov, 2023).

Drawing insights from these studies, the current research aims to understand how metaverse technology can be leveraged to enhance the employer branding experience for Gen Z employees, an area that has not yet been extensively researched. By examining the opportunities and challenges associated with this technology, the study seeks to provide valuable guidance. Additionally, through a proposed conceptual framework, the study aims to

demonstrate how the metaverse can be used to create immersive experiences that attract and retain Gen Z employees in the workplace. This study is one of the pioneers in examining the use of metaverse in Employer Branding. The study aims to advance our understanding of how the metaverse will influence Employer Branding, particularly for Gen Z employees.

In particular, the researchers are interested in exploring the following research questions (RQ):

- R1: What are the key characteristics, and preferences of Generation Z regarding employment, workplace culture, and employer branding?
- R2. How adoption of metaverse technology impact employer branding strategies aimed at attracting and retaining Generation Z talent?
- R3. What are the potential advantages and challenges of using metaverse technology for employer branding, particularly in appealing to Generation Z?
- R4. How do virtual environments in the metaverse influence Gen Z's perceptions of company culture, values, and employer brand authenticity?

Review of Literature

About Metaverse and its development

The Metaverse has emerged as a convergence of technologies and conceptions, potentially reshaping how we interact, participate, learn, and entertain ourselves in the digital age (Gupta et al., 2024). In recent years the concept of the Metaverse has attracted considerable attention (Ning et. al, 2023). The Metaverse is a term used to describe a virtual universe or collective space created by the convergence of virtual reality, augmented reality, and the internet. It is a fully immersive digital environment where users can interact with each other and digital objects in a three-dimensional space. The Metaverse has the potential to completely revolutionise the way we interact with technology and each other. This concept was first introduced in Neal Stephenson's 1992 science fiction novel "Snow Crash" (Stephenson, 2003), but it has since become a reality with the advancement of modern technology. Citi report predicts that the Metaverse has the potential to emerge as the subsequent iteration of the internet, integrating the physical and digital universes in a continuous and immersive way. The report posits that based on their definition, the total addressable market for the Metaverse economy could potentially expand to a value ranging from \$8 trillion to \$13 trillion by 2030 (Citi GPS, 2022). Ernst & Young's report has a more conservative figure of \$5 trillion to \$13 trillion by 2030 (Ernst and Young LLP, 2023).

Metaverse and Future Workspace

One of the most notable implications of the Metaverse is its impact on the future of work. With the rise of remote work and digital nomadism, the Metaverse offers a novel way for people to collaborate and work together in a virtual space. Ernst & Young conducted a survey that revealed that 41% of respondents would be willing to work in the Metaverse if their employer provided the necessary tools and training (Ernst and Young LLP, 2023). This statistic highlights the potential for the Metaverse to play a pivotal role in shaping the future of work, particularly among Gen Z who are more digitally savvy. According to a report by Deloitte, the Metaverse is predicted to generate over \$1 trillion in annual revenue by 2030, with more than 1 billion people using it for work, play, and socialising. The report also suggests that the Metaverse will have a profound impact on a range of industries, including entertainment, education, healthcare, and retail. The Metaverse is an emerging technology that is still in its early stages, but it has already gained traction in the gaming industry. This demonstrates the potential for the Metaverse to offer new forms of entertainment and engagement for audiences (Deloitte, 2021).

According to a report by (Fortune Business Insights, 2023), the global metaverse market size was valued at \$234.04 billion in 2022 & is projected to grow from \$416.02 billion in 2023 to \$3,409.29 billion by 2027. Exhibiting a CAGR of 69.2% in the forecast period. This growth is being driven by advancements in technology, increased adoption of virtual and augmented reality, and the potential for the Metaverse to transform a range of industries such as Banking and Finance, Real Estate, Healthcare, Education, and training.



Source- Fortune Business Insight: Metaverse Market Size, Share & COVID-19 Impact Analysis (May 2023) (https://www.fortunebusinessinsights.com/metaverse-market-106574)
Generation Z and Technology

Gen Z is the most diverse generation in history and has grown up in a time of significant social and economic disruption. Gen Z's behaviours have been influenced by unique challenges that they have grown up with during their formative years - climate change concerns, pandemic-related lockdowns, and economic uncertainty (McKinsey Explainers, 2022). These experiences have likely influenced their perspectives and behaviours, particularly in terms of their views on the environment, health, and economic stability. They are more likely to be comfortable with ambiguity and change than previous generations and are characterised by their digital fluency, creativity, and desire for social impact (McKinsey Explainers, 2022). Companies that are technology-driven, with a predominant workforce from Generation Z, make substantial investments in employer branding initiatives aimed at attracting and retaining talent, as well as fostering employee engagement (Dixit, 2023).

According to global research commissioned by Dell Technologies, Gen Z have a deep, universal understanding of technology and its potential to transform how we work and live. In the survey, it was found that 91% of respondents indicated that the technology offered by their prospective employer would be a determining factor when deciding between job offers with comparable conditions. A study by Deloitte found that Gen Z spends an average of five hours per day on their smartphones and is the first generation to prioritise mobile devices over desktop computers. They are also more likely to use social media to connect with friends and family, with 86% of Gen Z members saying they use social media to stay in touch with loved ones. Additionally, they are more likely to use technology for self-expression and creativity, with 70% of Gen Z members saying they use social media to share their opinions and express their personalities (Deloitte Touche Tohmatsu India LLP, 2022). According to a report by Adobe (Overby, 2019), 60% of Gen Zers say they would rather communicate with friends online than in person, and 80% say that technology makes them feel more connected to the world. Additionally, Gen Z has shown a preference for visual and interactive content. According to a report by (Google, 2017) 70% of Gen Zers say they prefer watching YouTube to traditional television, and 85% say that a brand's social media presence is important when deciding to make a purchase.

Generation Z students are genuine digital natives, constituting a hyper-cognitive generation with distinct student profiles compared to their predecessors and they are exerting pressures that demand adaptation and change (Menendez, 2020). Generation Z, entering the business community in recent years and predominantly born after the year 2000, is commonly referred to as the mobile generation in literature. Growing up in an era dominated by technology, they have been immersed in advancements such as the World Wide Web, MP3 players, short messaging, cell phones, PDAs, YouTube, iPads, and various other media technologies. (Ozkana and Solmaz, 2015). Thus, this section highlites the fact that Gen Z has a unique relationship with technology, as they have grown up with easy access to smartphones, social media, and other digital tools that have transformed the way they communicate, learn, work, and socialise.

Employer Branding and its significance

Employer branding (EB) represents a firm's efforts to promote, both within and outside the firm, a clear view of what makes it different and desirable as an employer (Backhaus and Tikoo, 2004). EB refers to the process of creating and promoting a company's reputation as an employer in order to attract and retain talented employees. It involves the development of an employer value proposition (EVP) that highlights the unique benefits and opportunities offered by the company, as well as the cultivation of a positive company culture and employee experience. According to a study by (LinkedIn, 2020), 72% of recruiting leaders worldwide agreed that employer branding had a significant impact on their ability to attract top talent. Additionally, companies with strong employer brands are able to attract 50% more qualified applicants and experience a 28% reduction in employee turnover, according to a report by Glassdoor (2015). The effective management of talent within organisations significantly and positively influences their perceived employer branding (Maurya and Agrawal, 2022). Effective employer branding can also have a positive impact on a company's bottom line. A study by (Universum, 2020) found that companies with strong employer brands saw an average increase of 43% in their stock prices over a five-year period.

Discussion and Findings

When COVID-19 hit and in-person activities decreased, video calls became more popular. Alongside this, a new digital world called the Metaverse emerged. It's a way for people to connect online, initially through games and entertainment, and it's growing slowly (Lee, 2022). The metaverse, imitating the real world, has instigated a fundamental transformation in the field of branding (Dwivedi et. al, 2022). According to a report by (KPMG India 2021), the Metaverse has the potential to transform the recruitment and onboarding process, as well as employee engagement and training. One of the main advantages of the Metaverse for employer branding is the ability to create a highly immersive and interactive experience for job candidates and employees. The new age platforms like Bard, ChatGPT, metaverse, and artificial intelligence provide opportunities for practicing employer branding in novel and immersive ways (Pandey, 2023). In addition, the Metaverse can enable companies to reach a wider pool of candidates, including those in remote or underserved areas.

The metaverse presents significant opportunities for improving the fairness of employee performance evaluations and enhancing the overall employee experience. This is particularly relevant in advancing gender and racial inclusiveness, as well as promoting workplace equity (Marabelli and Lirio, 2024). An organization committed to establishing itself as socially conscious and promoting workplace equality can leverage the metaverse to provide a great experience to its employees.

The metaverse also offers potential benefits in the job search process for prospective employees of an organization. Within an interactive virtual environment, job seekers can engage with virtual recruiters, participate in simulated interviews, and present their skills in an immersive manner (Mohamed et al., 2024). Such an immersive experience for prospective employees will undoubtedly help create a positive impression of the organization.

The factors associated with the metaverse that would result in personalised employer branding content include immersive engagement, brand value, brand communication, brand community, psychological benefits, and brand personality. The forthcoming trends in employer branding will centre around digital analytics, requiring the employer branding team to deliver tailored messages and media visibility to existing and potential employees, aligning with their behaviours, interests, and sentiments. Utilisation of platforms such as the metaverse will facilitate the collection of comprehensive three-dimensional data on users (Pandey, 2023). The author also highlighted that the Metaverse can provide three-dimensional employee-to-employee and employee-to-employer data points for customised employer branding content. In an era characterised by talent shortages within the hospitality and tourism sector, the strategic adoption of technology, including the incorporation of the metaverse, is imperative. This approach is essential for affording organisations a competitive edge in the industry (Dutta, Srivastva and Singh, 2023). The most recent developments in the Digital universe such as 5G, the metaverse, AR, etc., will constitute instruments that facilitate integration of Digital Nomads in the workplace (Canas and S.M.M., 2022). The Metaverse office setup makes employees feel like they're working together and part of a team. Virtual Reality (VR) and Augmented Reality (AR) can make individual work more free and productive (Chen, 2023).

Within the Human Resources department, emerging technologies such as artificial intelligence, block chain, and the Metaverse are employed to cultivate enduring relationships with employees (Pandey et al., 2024). The Metaverse can also be used for various professional activities, including virtual meetings, recruitment, and hiring

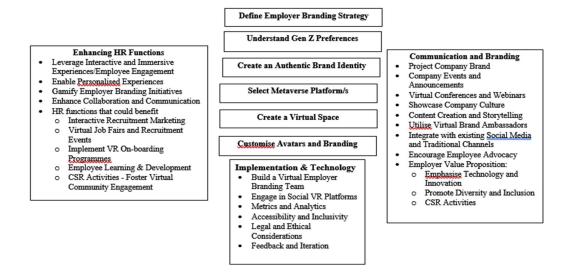
interviews, on-boarding processes, as well as learning and development initiatives. Leveraging the metaverse in these contexts facilitates enhanced connectivity among employees, fostering a sense of engagement with both colleagues and the organisation (Aydın et al., 2023). Using virtual reality (VR) significantly helps improve E-HRM and makes Human Resource Management (HRM) more effective. This plays a key role in positively influencing employer branding (Najam et al., 2022). Thus, recent studies underscore the potential of the metaverse as a powerful tool for engaging current and prospective employees by offering them an immersive experience. Employers can use this technology for the long-term engagement and association of employees resulting in higher retention rate.

However, there are also challenges associated with the adoption of the Metaverse for employer branding in India. One of the main challenges is the lack of digital infrastructure and connectivity in some parts of the country, which can limit access to the Metaverse for some job candidates and employees. Privacy and security are critical issues because Metaverse collects data on behaviour that is more detailed than user conversations and internet history (Park and Kim 2022). According to the study by (Park, Ahn and Lee, 2023), one of the most challenging hindrances to using Metaverse as a workspace was, workers' concerns with Metaverse-afforded surveillance. According to the study, the metaverse allows people to see both the workers and how they work, making it easier for HR management. It also creates a feeling of working together and more opportunities for social interaction, like small talks with colleagues and managers. However, this visibility could be a challenge or a threat for new workers who are thinking about working in the metaverse but haven't tried it before.

The framework below (Fig 1) shows the process to be followed by the employer while utilising the Metaverse tool for employer branding strategy specifically to attract and retain Gen Z employees.

Fig. 1- Proposed framework of using the Metaverse for Employer Branding to attract and retain Gen Z Employees (Author's own work)

The Metaverse represents a transformative opportunity for organisations aiming to redefine their employer



branding strategies, particularly when targeting Generation Z (Gen Z). Gen Z, having grown up in a world of technology, values authenticity, immersive experiences, and digital connectivity. This framework aims to guide organisations in effectively engaging and attracting Gen Z talent within the Metaverse.

Reasons for Leveraging the Metaverse Digital Native Experience:

Generation Z (Gen Z), often referred to as "digital natives," have grown up immersed in technology and are comfortable navigating digital platforms (Singh & Dangmei, 2016). Their formative years were marked by widespread access to social media, mobile networks, and the internet, making the metaverse an environment that resonates naturally with their lifestyle (Francis & Hoefel, 2018). According to research by McKinsey & Company (2022), Gen Z spends significant amounts of time online and prefers digital spaces for interactions. Hence,

building a metaverse presence that aligns with their digital lifestyle can provide companies with an effective platform to engage this demographic in a familiar, immersive manner (Overby, 2019).

Authenticity Matters:

Gen Z places high importance on authenticity and transparency in employer branding. They are likely to favor companies that project honesty and align with their social values (Lee, 2022). Authenticity in the metaverse can be achieved by creating a digital presence that accurately reflects the company's culture, values, and commitments to social responsibility (Backhaus & Tikoo, 2004). This approach helps establish trust and fosters a deeper connection with Gen Z, who are often skeptical of traditional corporate messaging (Marabelli & Lirio, 2024). Furthermore, organizations that successfully project an authentic brand in the metaverse are more likely to attract talent that shares these values, enhancing both recruitment and retention (Kristof-Brown et al., 2005).

Preference for Immersive Experiences:

Gen Z values immersive and engaging experiences, making virtual reality (VR) and augmented reality (AR) particularly appealing to them (Deloitte Touche Tohmatsu India LLP, 2022). The metaverse provides opportunities to implement these technologies in various forms, such as virtual office tours, employee stories, and interactive onboarding sessions (Pandey, 2023). This kind of immersion not only offers a unique glimpse into the workplace but also provides prospective employees with a deeper understanding of the company culture, thereby enhancing their engagement and interest in the organization (Maddikunta et al., 2022). By integrating immersive VR experiences into employer branding strategies, organizations can differentiate themselves and provide Gen Z with the engaging experiences they seek (Martínez-Gutiérrez et al., 2024).

Social Connection and Collaboration:

Gen Z values social connection and collaboration in both personal and professional settings (Wang et al., 2023). The metaverse offers an ideal platform to facilitate these interactions through virtual networking opportunities, social events, and team-building activities (McKinsey Explainers, 2022). For instance, companies can host virtual team meetings, brainstorming sessions, or even digital "watercooler" moments, mimicking real-world interactions in a digital space (Aydın et al., 2023). This emphasis on social connection not only fosters a sense of belonging among employees but also strengthens teamwork and collaboration (Dutta et al., 2023).

Gamification Appeals to Gen Z:

Gen Z is highly receptive to gamification, which involves applying game-like elements such as points, levels, and rewards to non-game contexts (Dwivedi et al., 2023). Incorporating gamified experiences into employer branding initiatives, such as interactive recruitment processes, virtual challenges, and skill-based assessments, can make the employer branding journey more engaging and enjoyable for them (Halová & Müller, 2023). This approach not only appeals to their preference for competitive and playful environments but also enables organizations to evaluate potential candidates in a dynamic, stress-free setting (Lee & Kundu, 2022).

Visual and Interactive Storytelling:

Gen Z responds well to visual and interactive storytelling, preferring platforms that offer multimedia content over traditional text-based formats (Overby, 2019). The metaverse allows companies to leverage advanced technologies such as 3D graphics, interactive simulations, and AR to tell compelling stories about the organization, its people, and its values (Ning et al., 2023). For example, companies can use VR to create immersive employee testimonials or showcase key milestones in their journey, thus providing a vivid and engaging narrative that resonates with Gen Z's communication style (Hernandez-de-Menendez et al., 2020).

Scope of the Framework for Leveraging the Metaverse

Metaverse Platform Selection:

Selecting the right platform is critical for successful engagement with Gen Z. Companies should research and choose platforms that are popular with this demographic, such as Roblox, VRChat, or other emerging platforms that align with Gen Z's preferences for social and interactive experiences (Citi GPS, 2022; Martínez-Gutiérrez et al., 2024). The reasoning is that engagement is higher when digital strategies align with the users' digital habits and preferences (McKinsey & Company, 2022).

Creation of Virtual Company Culture Spaces:

A virtual company culture space, such as a virtual office or lounge area, can serve as a digital representation of the company's values and work environment (Marabelli & Lirio, 2024). These spaces can be designed to reflect the organizational culture, offering prospective employees and new hires an authentic glimpse into the company's day-to-day environment (Backhaus & Tikoo, 2004). For example, companies can recreate their physical offices

in the metaverse, complete with branded interiors and interactive elements that convey the organization's unique culture and ethos (Gupta et al., 2024).

Interactive Recruitment Events:

Hosting interactive and gamified recruitment events within the metaverse can transform the traditional hiring process into an engaging experience (Pandey et al., 2024). Virtual job fairs, gamified interview processes, and skill-based challenges can attract Gen Z candidates by offering them a unique, low-pressure opportunity to showcase their skills and interact with potential employers (Ernst & Young LLP, 2023). This approach also allows recruiters to assess candidates' problem-solving abilities, creativity, and team collaboration skills in a dynamic, real-time setting (Dwivedi et al., 2023).

Utilization of VR for Onboarding and Training:

VR can be used to create immersive onboarding modules that familiarize new hires with company policies, values, and day-to-day tasks (Najam et al., 2022). This method of training is particularly appealing to Gen Z, who prefer interactive and experiential learning over traditional formats (McKinsey Explainers, 2022). By integrating VR into onboarding, companies can ensure that new employees receive a consistent, engaging introduction to the organization (Mohamed et al., 2024).

Social Media Integration:

Integrating metaverse activities with popular social media platforms like Instagram, Twitter, and LinkedIn can amplify the reach and impact of employer branding efforts (McKinsey & Company, 2022). Social media integration allows companies to share highlights from their metaverse events, post employee testimonials, and promote interactive experiences to a broader audience, thus enhancing visibility and engagement (Google, 2017).

Diversity and Inclusion Initiatives:

The metaverse can be a powerful tool for promoting diversity and inclusion within the organization (Halová & Müller, 2023). Virtual forums and interactive experiences focused on inclusivity can help highlight the company's commitment to these values, making the organization more attractive to Gen Z, who prioritize social responsibility and inclusion (Pandey, 2023).

Employee Testimonials in Virtual Reality:

Gen Z values authenticity and prefers learning about organizations through real employee experiences (Maurya & Agrawal, 2018). Using VR to capture and share employee testimonials provides an authentic and immersive look into the workplace, offering prospective employees a genuine perspective on what it's like to work for the company (Park et al., 2023).

Analytics and Continuous Improvement:

To ensure that metaverse initiatives remain effective, companies should leverage analytics tools to track engagement, measure outcomes, and gather participant feedback (Park et al., 2023). Continuous refinement based on these insights will ensure that the organization's metaverse presence evolves in line with changing preferences and technological advancements (Pandey, 2023).

Scope for further research:

The incorporation of metaverse technology into employer branding remains an evolving topic, offering various avenues for future research to investigate its ramifications and efficacy. A critical topic for further exploration is the influence of metaverse-oriented employer branding strategies on recruitment, retention, and employee engagement, especially among Generation Z, who are digital natives with unique preferences for immersive and interactive experiences. Empirical study can investigate how these methods affect employer appeal and if they effectively improve perceived organisational fit. Furthermore, research might investigate the metaverse's potential in advancing diversity, equality, and inclusion (DEI) programs by establishing virtual environments that foster varied talent and mitigate prejudices in recruiting procedures. A further interesting domain is the analysis of employee experiences in metaverse-based work environments against traditional and hybrid models, emphasising psychological factors such as job satisfaction, well-being, and virtual presence.

Furthermore, the integration of the metaverse in professional environments presents numerous ethical and legal issues, encompassing data privacy, surveillance, and digital inclusion. Future study may focus on developing ethical frameworks that guarantee the responsible utilisation of the metaverse in employer branding. Moreover, as organisations seek to integrate traditional and virtual branding tactics, it is essential to establish comprehensive frameworks that amalgamate conventional approaches with metaverse initiatives, defining optimal practices for integration and comprehending the determinants of their success. Longitudinal research will be crucial in

comprehending the progression of the metaverse's impact on workplaces over time, offering insights into its enduring effects on organisational strategy and personnel management. Ultimately, research may concentrate on assessing the cost-benefit trade-offs of adopting metaverse-based solutions, offering organisations insights into the financial feasibility and return on investment (ROI) associated with this technology. These research will be essential for both scholarly comprehension and practical application, as organisations progressively integrate metaverse tools to influence the future of work and employer branding.

Conclusion:

The incorporation of metaverse technology into employer branding initiatives has considerable potential to transform the methods by which organisations attract, engage, and retain Generation Z employees. Gen Z, as digital natives, prioritises immersive experiences, authenticity, social connection, and inventive storytelling, all of which may be efficiently provided through the metaverse. Utilising virtual reality (VR), augmented reality (AR), and other metaverse platforms, firms can develop dynamic and engaging experiences that align with the distinct preferences of this age. The metaverse serves as an effective medium for showcasing a genuine employer brand, fostering social interactions, and delivering gamified experiences that enhance the interactivity and attractiveness of hiring and onboarding procedures.

Nonetheless, despite its potential benefits, the implementation of metaverse technology presents specific problems. This encompasses the necessity for significant investment in digital infrastructure, potential privacy and security issues, and the threat of digital exclusion in regions with inadequate connectivity. Organisations must formulate ethical rules, invest in comprehensive digital infrastructures, and guarantee inclusivity in their metaverse plans to resolve these difficulties. As organisations persist in exploring and optimising their strategies for metaverse-centric employer branding, continued research is essential to comprehend its enduring effects, especially in fostering diversity, improving employee engagement, and guaranteeing cost-efficiency.

The metaverse presents a transformative opportunity for organisations seeking to engage with Gen Z employees through novel and inventive methods. By synchronising employer branding initiatives with the values and digital inclinations of this generation, organisations may establish a persuasive online presence that not only draws premier talent but also cultivates profound, more significant connections in a swiftly transforming digital environment.

References:

Aydın, Ö., Karaarslan, E. and Dutta, P., 2023. Artificial Intelligence, VR, AR and Metaverse Technologies for Human Resources Management. VR, AR and Metaverse Technologies for Human Resources Management (June 15, 2023).

Backhaus, K. and Tikoo, S., 2004. Conceptualising and researching employer branding. Career development international, 9(5), pp.501-517.

Berthon, P., Ewing, M. and Hah, L.L., 2005. Captivating company: dimensions of attractiveness in employer branding. International Journal of Advertising, 24(2), pp.151-172.

Canas, S.M.M., 2022. Digital nomadism and the changing nature of the workplace: a Millennial and Gen-Z analysis (Doctoral dissertation).

Chen, Z., 2023. Metaverse office: exploring future teleworking model. Kybernetes.

Citi GPS, 2023. Metaverse and Money Decrypting the Future- Citi's 10th Digital Money Symposium. 2023. 30 March. https://icg.citi.com/icghome/what-we-think/citigps/insights/metaverse-and-money_20220330

Citi GPS. (2022, March 30). Metaverse and Money - Decrypting the Future. Citi Global Perspectives & Solutions. https://icg.citi.com/icghome/what-we-think/citigps/insights/metaverse-and-money_20220330

Commission, E., Innovation, D.-G. for R. and, Breque, M., De Nul, L., & Petridis, A. (2021). Industry 5.0 – Towards a sustainable, human-centric and resilient European industry. Publications Office of the European Union. https://doi.org/doi/10.2777/308407

Dell Inc. 2018. Dell Technologies Gen Z Research Reveals Good News: We Haven't Raised a Generation of Robots. Dell Inc.

Deloitte Touche Tohmatsu India LLP, 2022. The Deloitte Global 2022 Gen Z & Millennial Survey - Striving for balance, advocating for change. https://www.deloitte.com/global/en/issues/work/genzmillennialsurvey.html

Deloitte Touche Tohmatsu India LLP. 2022. Metaverse: The hype, possibilities, and beyond. https://www2.deloitte.com/in/en/pages/technology/articles/metaverse-report-2022.html

Dixit, A.S., 2023. Exploring HR practitioner's perspective on linking of employer branding and porter's generic strategies: an alignment of business and HR strategy. International Journal of Organisational Analysis.

Dutta, D., Srivastava, Y. and Singh, E., 2023. Metaverse in the tourism sector for talent management: a technology in practice lens. Information Technology & Tourism, 25(3), pp.331-365.

Dwivedi, Y.K., Hughes, L., Wang, Y., Alalwan, A.A., Ahn, S.J., Balakrishnan, J., Barta, S., Belk, R., Buhalis, D., Dutot, V. and Felix, R., 2023. Metaverse marketing: How the metaverse will shape the future of consumer research and practice. Psychology & Marketing, 40(4), pp.750-776.

Ernst & Young LLP. 2023. How boards can prepare for a future in the metaverse. https://www.ey.com/en_us/board-matters/how-boards-can-prepare-for-a-future-in-the-metaverse

Fortune Business Insights. Metaverse Market Size, Share & COVID-19 Impact Analysis, May 2023. Retrieved from https://www.fortunebusinessinsights.com/metaverse-market-106574.

Francis, T. & Hoefel, . F., 2018. True Gen': Generation Z and its implications for companies, s.l.: McKinsey & Company. https://www.mckinsey.com/industries/consumer-packaged-goods/our-insights/true-gen-generation-z-and-its-implications-for-companies

Google, 2017. It's Lit: A Guide to What Teens Think is Cool. Retrieved from: https://storage.googleapis.com/think/docs/its-lit.pdf

Gupta, R., Rathore, B., Biswas, B., Jaiswal, M., & Singh, R. K. (2024). Are we ready for metaverse adoption in the service industry? Theoretically exploring the barriers to successful adoption. Journal of Retailing and Consumer Services, 79, 103882.

Gupta, R., Rathore, B., Biswas, B., Jaiswal, M., & Singh, R. K. (2024). Are we ready for metaverse adoption in the service industry? Theoretically exploring the barriers to successful adoption. Journal of Retailing and Consumer Services, 79, 103882. https://doi.org/https://doi.org/10.1016/j.jretconser.2024.103882

Halová, D. and Müller, M., 2023. Being an Employer of Choice: Attracting Generation Z to Work by Building Brand via Social Media. Corporate Reputation Review, pp.1-16.

Hernandez-de-Menendez, M., Escobar Díaz, C.A. and Morales-Menendez, R., 2020. Educational experiences with Generation Z. International Journal on Interactive Design and Manufacturing (IJIDeM), 14, pp.847-859. https://www.dell.com/en-in/dt/corporate/newsroom/generation-z.htm

Ivanov, D. (2023). The Industry 5.0 framework: viability-based integration of the resilience, sustainability, and human-centricity perspectives. International Journal of Production Research, 61(5), 1683–1695. https://doi.org/10.1080/00207543.2022.2118892

Kristof-Brown, A.L., Zimmerman, R.D. and Johnson, E.C., 2005. Consequences OF INDIVIDUALS'FIT at work: A meta-analysis OF person–job, person–organization, person–group, and person–supervisor fit. Personnel Psychology, 58(2), pp.281-342.

Lee, J., & Kundu, P. (2022). Integrated cyber-physical systems and industrial metaverse for remote manufacturing. Manufacturing Letters, 34, 12–15. https://doi.org/https://doi.org/10.1016/j.mfglet.2022.08.012 Lee, J., 2022. A study on the intention and experience of using the metaverse. Jahr: Europski časopis za bioetiku, 13(1), pp.177-192.

Lee, L. H., Braud, T., Zhou, P., Wang, L., Xu, D., Lin, Z., & Hui, P. (2021). All one needs to know about metaverse: A complete survey on technological singularity, virtual ecosystem, and research agenda. arXiv preprint arXiv:2110.05352.

Maddikunta, P. K. R., Pham, Q.-V., Prabadevi, B., Deepa, N., Dev, K., Gadekallu, T. R., Ruby, R., & Liyanage, M. (2022). Industry 5.0: A survey on enabling technologies and potential applications. Journal of Industrial Information Integration, 26, 100257.

Maddikunta, P. K. R., Pham, Q.-V., Prabadevi, B., Deepa, N., Dev, K., Gadekallu, T. R., Ruby, R., & Liyanage, M. (2022). Industry 5.0: A survey on enabling technologies and potential applications. Journal of Industrial Information Integration, 26, 100257. https://oulurepo.oulu.fi/bitstream/handle/10024/43795/nbnfi-fe202301112375.pdf?sequence=1

Marabelli, M. and Lirio, P., 2024. AI and the metaverse in the workplace: DEI opportunities and challenges. Personnel Review.

Marabelli, M., & Lirio, P. (2024). AI and the metaverse in the workplace: DEI opportunities and challenges. Personnel Review.

Marr, B., 2023. The Future Internet: How the Metaverse, Web 3.0, and Blockchain Will Transform Business and

Society. John Wiley & Sons.

Martínez-Gutiérrez, A., Díez-González, J., Perez, H., & Araújo, M. (2024). Towards industry 5.0 through metaverse. Robotics and Computer-Integrated Manufacturing, 89, 102764.

Martínez-Gutiérrez, A., Díez-González, J., Perez, H., & Araújo, M. (2024). Towards industry 5.0 through metaverse. Robotics and Computer-Integrated Manufacturing, 89, 102764. https://doi.org/https://doi.org/10.1016/j.rcim.2024.102764

Maurya, K. K., & Agarwal, M. (2018). Organisational talent management and perceived employer branding. International Journal of Organisational Analysis, 26(2), 312-330.

Maurya, K.K. and Agarwal, M., 2018. Organisational talent management and perceived employer branding. International Journal of Organisational Analysis, 26(2), pp.312-330.

McKinsey & Company. (2022). What is the Metaverse? https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-is-the-metaverse

McKinsey & Company. 2022. What is the Metaverse? https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-is-the-metaverse

McKinsey Explainers. 2022. What is Gen Z? In McKinsey & Company. https://www.mckinsey.com/featured-insights/mckinsey-explainers/What-is-Gen-Z

Mohamed, G., Zahra, F. F., Nadia, C., Imane, E., Hamza, L., Chakir, A., & Mohamed, A. (2024). Metaverse for Job Search: Towards an AI-Based Virtual Recruiter in the Metaverse Era: A Systematic Literature Review. Engineering Applications of Artificial Intelligence, 277-286.

Mohamed, G., Zahra, F.F., Nadia, C., Imane, E., Hamza, L., Chakir, A. and Mohamed, A., 2024. Metaverse for Job Search: Towards an AI-Based Virtual Recruiter in the Metaverse Era: A Systematic Literature Review. Engineering Applications of Artificial Intelligence, pp.277-286.

Najam, Z., Nisar, Q. A., Hussain, K., & Nasir, S. (2022). Enhancing Employer Branding through Virtual Reality: The role of E-HRM Service Quality and HRM Effectiveness in the Hotel Industry of Pakistan. Asia-Pacific Journal of Innovation in Hospitality & Tourism, 11(2).

Najam, Z., Nisar, Q.A., Hussain, K. and Nasir, S., 2022. Enhancing Employer Branding through Virtual Reality: The role of E-HRM Service Quality and HRM Effectiveness in the Hotel Industry of Pakistan. Asia-Pacific Journal of Innovation in Hospitality & Tourism, 11(2).

Ning, H., Wang, H., Lin, Y., Wang, W., Dhelim, S., Farha, F., ... & Daneshmand, M. (2023). A Survey on the Metaverse: The State-of-the-Art, Technologies, Applications, and Challenges. IEEE Internet of Things Journal. Overby, S., 2019. Meet Your Future Employees: Generation Z, s.l.: Adobe.

Ozkan, M. and Solmaz, B., 2015. The changing face of the employees–generation Z and their perceptions of work (a study applied to university students). Procedia Economics and Finance, 26, pp.476-483.

Pandey, A., Grima, S., Pandey, S. and Balusamy, B. eds., 2024. The Role of HR in the Transforming Workplace: Challenges, Technology, and Future Directions. CRC Press.

Pandey, A., Grima, S., Pandey, S. and Balusamy, B. eds., 2024. The Role of HR in the Transforming Workplace: Challenges, Technology, and Future Directions. CRC Press.

Pandey, N. (2023). Future of employer branding in the era of bard, ChatGPT, metaverse, and artificial intelligence. *NHRD Network

Pandey, N., 2023. Future of employer branding in the era of bard, ChatGPT, metaverse and artificial intelligence. NHRD Network Journal, 16(3), pp.258-268.

Park, H., Ahn, D. and Lee, J., 2023, April. Towards a Metaverse Workspace: Opportunities, Challenges, and Design Implications. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (pp. 1-20).

Park, S.M. and Kim, Y.G., 2022. A metaverse: Taxonomy, components, applications, and open challenges. IEEE access, 10, pp.4209-4251.

People Matters, 2021. Employer Branding in India: Trends, Practices & Challenges. https://www.peoplematters.in/article/employer-branding/employer-branding-in-india-trends-practices-challenges-29738

Presch, G., Dal Mas, F., Piccolo, D., Sinik, M. and Cobianchi, L., 2020. The World Health Innovation Summit (WHIS) platform for sustainable development: From the digital economy to knowledge in the healthcare sector. In Intellectual capital in the digital economy (pp. 19-28). Routledge.

 $Randstad, 2020. Talent Trends Report India 2020. \\ https://www.randstad.in/documents/20143/208449/Talent+Trends+Report+India+2020.pdf/2948649f-bef2-temperature and the statement of the property of the pro$

7dc5-a056-5b7d5ed5e5d6

Randstad. 2020. Randstad. What does the ideal employer look like in India?. https://workforceinsights.randstad.com/randstad-employer-brand-research-country-report-india-2020

Randstad. 2022. REBR India Country Report 2022. www.randstad.in

Rudman, R. and Bruwer, R., 2016. Defining Web 3.0: opportunities and challenges. The electronic library, 34(1), pp.132-154.

Silva, A.J. and Dias, H., 2022. The relationship between employer branding, corporate reputation and intention to apply to a job offer. International Journal of Organisational Analysis, 31(8), pp.1-16.

Singh, A.P. and Dangmei, J., 2016. Understanding the generation Z: the future workforce. South-Asian journal of multidisciplinary studies, 3(3), pp.1-5.

Stephenson, N. (2003). Snow Crash. Random House Publishing Group.

Turner, A., 2015. Generation Z: Technology and social interest. The journal of individual Psychology, 71(2), pp.103-113.

Wang, Y., Su, Z., Zhang, N., Xing, R., Liu, D., Luan, T.H. and Shen, X., 2022. A survey on metaverse: Fundamentals, security, and privacy. IEEE Communications Surveys & Tutorials.