Job Title: Chief Technology Officer (CTO) – Mobile Game Publisher

Reporting: To the CEO, Jan Horsfall, and will be a member of Sparq's C-Suite

Mission Statement: At Sparq Games, we're on a mission to disrupt the sports gaming industry with a revolutionary mobile game publishing platform that harnesses the power of modern technologies and cutting-edge AI. Our goal is to create the most fun, immersive, and engaging mobile sports games in the world, while fostering a culture of creativity, innovation, and happiness.

Company Overview: Sparq Games defines itself as an AI-enabled, blockchain-supported, sports-centric mobile game publisher with limited-exclusivity rights to sports trademarks and mascot designs at over 700 universities. We combine AAA intellectual property with an outsized AI approach to revolutionize the $98.74 billion mobile gaming industry.

Gamers are increasingly engaged, spending more of their screen time gaming than on streaming video, and we believe that young consumers' passion for gaming will only grow. With the recent introduction of NIL rules, Sparq Games is positioned to capitalize on the pent-up demand for college sports video games, with exclusive licenses through the Collegiate Licensing Company (CLC), making us one of only two companies preparing college-based games.

Founded by ex-collegiate athletes Tony Dye, Sean Embree, and Jan Horsfall, Sparq Games is focused on using its success to profit thousands of college athletes through name, image, and likeness (NIL) integration. Our roadmap includes building up to a dozen mobile sports games over the next five years using a revolutionary AI-driven platform never seen before in the gaming industry.

Key Responsibilities:

Technology Vision & Strategy: Define and lead Sparq Games' technology strategy, leveraging cutting-edge AI, blockchain, and immersive mobile experiences to disrupt the sports gaming industry.

Team Leadership & Collaboration: Build and mentor a world-class engineering team, working closely with GameDev, Data Analytics, and product teams to deliver scalable, fun, and innovative mobile sports games. We need a concerted work ethic that stays on par with other senior members of our team, while handling remote employees who also need to be productive on a daily basis.

Hands-On Engineering: Contribute strategically and technically to high-priority engineering efforts, particularly during Sparq's early growth stages.

Game Development Oversight: Guide the development of mobile games using leading game engines (Unity, Unreal Engine) and the changing set of AI tools to ensure the scalability of live game services.

Proprietary Acquisition Engine Oversight: Guide the integration of any key technologies to assist our Acquistion Team as they create an AI-driven user acquisition engine which pulls gamers from Telegram, Apple Store, and Google Store, as well as other store locations as required.

Start-Up Mentality: Embrace the resource constraints of a start-up and utilize an inventive, scrappy approach to problem-solving. <u>Must have a positive attitude</u>. Sparq has no time for unnecessary drama or distractions. We want to have fun building games and this requires intelligence, experience, perseverence, and a smile even when things might be challenging or obstacle-ridden. We solve problems professionally and positively to make our company better every day.

Innovative Technology Integration: Drive the integration of AI, blockchain, and AAA IP into Sparq's platform to create a differentiated product that appeals to the massive college sports fanbase. Over 65% of people in the USA over the age of 12 have a favorite college sports team.

Key Qualifications:

Start-Up Experience: Proven success navigating the fluid and fast-paced environment of a start-up. Helpful if you managed remote employees.

Game Technology Expertise:

- Extensive hands-on experience with game engines such as Unity and Unreal Engine.
- Expertise in mobile app development and live game services at scale.
- Proficiency in CI/CD, SDET, and programming languages like C++, C#, Java, Python, and HTML5.
- Strong understanding of DevOps, code management, and game optimization processes.

Cloud & Data Pipeline Expertise:

- Experience with cloud platforms (AWS, Google Cloud, MS Azure) and modern data pipelines (Kafka, Apache, Snowflake, S3, Redshift, RabbitMQ, Amazon SQS).
- Platform Store Integration: Familiar with integrating games into major platform stores (Apple, Google, Microsoft, Sony, and Nintendo).

Blockchain & AI: Enthusiasm for or hands-on experience with blockchain, DeFi platforms, and AI technologies, with a strong desire to lead innovation in these areas.

Preferred Qualifications:

- Experience with applied AI, including large language models (LLMs).
- Experience with blockchain, Web3, and utility token activity.
- An inventor's mindset and the drive to create revolutionary technology solutions.
- Experience working with data analytics teams to optimize gameplay and player engagement.

Be Part of Sparq's Company Vision:

- Become the world's leading sports mobile game publishing platform, renowned for innovation, creativity, and fun.
- Foster a community of passionate sports fans and gamers who share our values and enthusiasm.
- Revolutionize the way athletes engage with their fans, build their brand, and secure their financial future.
- Create a workplace that's a benchmark for happiness, creativity, and productivity in the gaming industry.

Join the Sparq Revolution! Together, we'll redefine the sports gaming landscape, empower creativity, and enrich the lives of athletes, gamers, and employees. Are you ready to Sparq?

Sparq Games is an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all employees. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, age, disability, genetic information, marital status, veteran status, or any other protected status under applicable law.