



JOB DESCRIPTION

Chief Technology Officer

(CTO)

The company:

Joy Business Academy is a growing and ambitious studio striving to push the boundaries of lifelong learning. We use modern digital tools, game design techniques and innovative technologies to re-envision what learning can represent in a global, diverse, post-industrial world.

We are calling out for an experienced, passionate, and well-rounded CTO to come work with our diverse team of programmers, artists, instructional designers, and game designers. You'll be coming to a team with a strong sense of ownership and pride over their work, as well as one that is deeply attuned to creating positive social impact for a range of learning communities.

Sounds intriguing? Read up on what we're looking for, and let us know if you are the one.

Your responsibilities: Disrupting the status quo of Education

Overall =

- Manage the architecture and implementation of well-engineered, reliable, scalable and maintainable code.
- Collaborate with team members, and external stakeholders, to develop various systems, APIs, libraries, frameworks, services, DevOps, security and testing environments throughout the organisation.
- Provide support to clients and team members for developed architecture as their requirements evolve.
- Assist and manage the process in which to determine customer/stakeholder requirements.
- Manage a cooperative, cross-disciplinary team environment that employs Agile Methodologies.
- Identify technical and development risks / obstacles and generate solutions to overcome identified risks.
- Mentor other engineers as needed to increase their abilities and productivity.
- Work with a team of Leads, Executives and the Studio Manager i to help steer the company's technical and business strategy.

Responsibilities on a day-to-day basis:

- Design, develop and own the creation of scalable, high-volume, low-latency products and services.
- Design, build, and maintain real-time, event-driven systems, services, and features.
- Use distributed designs and technologies to enhance products and make them more scalable.
- Gather requirements and perform detailed analysis before proceeding towards architecture and development.
- Work with other teams (internal & external) to understand requirements of clients and propose scalable, modular and maintainable solutions.

- Lead the ongoing maintenance, support, testing and expansions of existing systems, services and platforms.
- Manage & Lead a growing team of onsite as well as offsite software engineers (game, front-end, back-end), DevOps and QAs
- Work with external partners and clients (commercial, NGOs and government)

Your Profile - Ready to play

(a.k.a requirements to be successful in the role)

- Experiencing architecting, deploying and maintaining resilient, health-checking systems with monitoring, testing and troubleshooting capabilities
- Experience with deploying and running services on a large scale using private and public cloud solutions (AWS, GC, Azure, etc)
- Strong ability to troubleshoot, diagnose and analyze complex systems
- Capable of delivering and leading the creation of well-documented, clean and managed code
- Personally self-motivated, dedicated, positive, helpful, capable of rapid learning and sharing knowledge with the team.
- Capable of gathering requirements, undergoing deep understanding, delivering prototypes and employing working solutions for complex requirements.
- Working effectively in a diverse team environment with tight deadlines and new challenges.
- Capable of building continuous integration & continuous delivery environments
- Experience in developing strong technical pipelines, including testing, build automation, CI/CD.
- Strong understanding of security procedures and protocols, especially related to working with government and banking sectors.

Major bonus points will be earned for experience in—or at least a strong interest in—blockchain and smart contract development/integration (ie. Ethereum, Loom.io, EOS, NEM, Stellar, WAVES, Bitcoin).

JBA creates a variety of games for training, self-reflection, skill-assessment, and simulated experience exposure. We pride ourselves on creating engaging ways to learn, reflect and improve that leverages the power of play to create strong and lasting positive outcomes.

Our next CTO should have:

- 15+ years of experience developing and architecting solutions
- Entrepreneurial mindset, strategist, and exceptional operator
- Leader, team builder and people developer
- Proven track record of deploying successful and dynamic technology solutions
- Technical career progression in software organizations, from hands on development to leading multiple successful engineering teams.
- Self-starter with a proven ability to work in an unstructured environment with little to no instruction
- Passion for problem solving and developing creative solutions using technology

Your Profile (a.k.a traits that would make you fit into our team seamlessly)



We're a team passionate about creating positive social impact through interactive experiences and games. As such, it's important to us that our staff share the same passion and are advocates for the company values that dictate the way we operate.

You'd be our ideal candidate, if you are...

- Driven and Self-motivated
- Collaborative-minded
- Optimistic
- Authentic
- Solution-minded
- Have a sense of social responsibility
- Supportive and team orientated

If this role sounds like your next opportunity, please send your resume, and an accompanying cover letter that includes:

Key relevant experience

Who you are and how you see yourself fitting into our team

If you have any questions or would like to get in touch, please contact Lauren Bardebes (careers@joybusinessacademy.com).

We are an equal opportunity employer and value having members that represent our global diversity. We strongly encourage any individual regardless of race, religion, colour, nationality, gender, sexual orientation, age, marital status, or disability status to apply for this role.

Applicants for this position should have NZ residency or a valid NZ work visa.