Austin Mayes

Technical Lead at Ziax

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EDUCATION

Bachelor of Applied Science (BASc)   *2016 to 2020*

EXPERIENCE

Ziax   *Apr 2022 to Present*
General Infrastructure & Kubernetes Platform Engineer

I am responsible for the efficient and effective operation of a fleet of servers located across multiple regions, using tools such as Bash and Grafana to monitor and maintain them. I work closely with a team of engineers to troubleshoot and resolve issues, and have the opportunity to assist with the deployment of new servers as needed. In addition to monitoring server performance, conducting regular maintenance tasks, and implementing security measures, I also help manage a multi-node Kubernetes cluster powered by the Openshift platform. Using tools like Docker and Helm, I deploy and maintain microservices on the cluster, and play a key role in developing and maintaining a unified API layer to access these internal services in collaboration with the development team

Ziax   *Feb 2022 to Present*
Technical Lead

I work closely with upper management to identify and prioritize project goals and ensure that all projects are delivered on time and to the highest quality. I manage a team of talented developers and assist with the recruitment, onboarding, and training of new team members. In addition to my technical responsibilities, I also play a key role in the professional development of my team, providing guidance and support as they grow in their roles

Ziax   *Jul 2021 to Present*
Software Engineer

I work with a diverse team of individuals located around the world to design, develop, and maintain frontend and backend systems across multiple codebases and programming languages. My responsibilities include writing clean, efficient code, conducting code reviews, and debugging issues as they arise. I also need to interface with concurrent ongoing projects, ensuring that my work integrates seamlessly with the larger project goals. I have the opportunity to collaborate with team members of all skill levels and lead trainings to help others grow in their roles. I am constantly learning and growing in my role, and enjoy the challenge of working on complex projects with my global team.

Freelance   *Apr 2020 to Present*
Freelance Software Developer

Walrus Network LLC   *Sep 2019 to Dec 2019*
Co-Founder, Chief Technology Officer

Stratus Network, LLC   *Aug 2018 to Aug 2019*
Senior Software Development Engineer

Lead a group of part-time developers with varying skill levels across multiple time zones. Helped maintain a legacy codebase with little to no documentation. Lead strategic planning and initial development efforts for a complete infrastructure rewrite.

Partycubed Limited   *Dec 2017 to Apr 2018*
Development Team Lead

Lead a team of part & full time developers through a company leadership transition and helped maintain highly-optimized legacy code across multiple nodes.

Avicus Network LLC   *Dec 2015 to Dec 2017*
Software Developer

Developed scalable frontend and backend services to orchestrate game servers across multiple dedicated servers. Wrote and maintained a fully custom GraphQL API written on top of Ruby on Rails which was used both internally and externally. Developed automation tools and strategies to rapidly speed up development time (cut deploy time in half) and managed a team of rotating part-time developers.

Interesting Stats: 579K unique users 8M unique logins 105M unique player-to-player encounters

SKILLS

DevOps, Bash, Team Building, Team Leadership, Linux System Administration, Event Planning, Live Events, Java, Ruby, Git, SQL, GraphQL, Amazon Web Services (AWS), DigitalOcean, Google Cloud Platform (GCP), Kubernetes, Serverless Computing, Functional Programming, SaltStack, Back-End Web Development