



Ryan Forte

Software Engineer

Years of Experience: 7

Sydney NSW

+61 426 252 826

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4 weeks notice required

Technical Skills

Go

AWS

Docker

Kubernetes

Prometheus

Terraform

Linux

Git

Personal Skills

Communication

Problem Solving

Self Motivated

About

I'm a self-taught software engineer with 7 years of experience. I have a passion for all things software, with my primary focus being system architecture and the development of distributed systems through the use of cloud native technologies. My main drivers are ensuring system scalability, maintainability and reliability through good design and coding practices.

Employment

○ Lexicon

Development Lead (May 2021 - Present)

Tech: Go, Node.js, AWS, Kubernetes, Docker, PostgreSQL, Redis, gRPC, Prometheus, Grafana, TypeScript, React, Helm

- Designed and developed a system responsible for generating monthly activity statements, catering to a user base of over 250,000 individuals.
- Designed and developed an event-driven system which was labeled the gold standard for how APIs should be designed and built.
- Led cross-functional teams in the, design, and development of Micro Frontends. Streamlined backend processes and enhanced efficiency by introducing a shared common library, promoting consistent development practices across multiple teams.
- Mentored and guided a team of five dedicated developers, fostering a collaborative environment and facilitating their professional growth. Offered insightful guidance and hands-on support.
- Organised and managed a Competitive Programming club, fostering an environment of continuous learning and skill enhancement.
- Developed numerous CI/CD pipelines for different clients, streamlining the delivery process and increasing deployment frequency from weeks down to multiple deployments a day with confidence.

○ ClimateClever

Software Engineer (Jul 2019 - May 2021)

Tech: Node.js, React, AWS, Docker, MongoDB

- Orchestrated the sharing of components across multiple web applications by implementing Bit.dev, streamlining development and promoting code reusability.
- Integrated local storage into web applications through Redux, enhancing user experience and data management with efficient state management practices.
- Led the end-to-end implementation of Continuous Integration and Continuous Deployment (CI/CD) pipelines for microservices, leveraging Docker and AWS CodePipeline technologies to improve the speed and frequency of delivering code to production.

○ AppsPeople

iOS Developer (Mar 2017 - May 2019)

Tech: Swift, Firebase, Realm, React, Node.js

- Contributed to diverse projects, exhibiting proficiency in developing iOS applications using Swift, crafting dynamic web applications with React, and architecting backend APIs using Node.js.
- Applied an approach to enhance performance and user experience, including refactoring multiple View Controllers and implementing prefetching mechanisms for asynchronous data loading in tableViews. This optimization resulted in seamless 60fps scrolling, resulting in an improved user experience.

Education

I am a self-taught Software Engineer who learned to code whilst studying Physical Education at university, I uncovered my passion for software and began teaching myself. Since then I've stayed up to date with the latest technologies and advanced my skill set through reading books, listening to podcasts, watching tutorials, completing certifications, and attending meetups and workshops.