Ryan Barrett

Skills

NodeJS

Terraform

SumoLogic

JavaScript

Go

AWS

Jest

React

HTML

CSS

Git

Jira

Experience

Software Developer | PG&E (Contract)

August 2019 - Present

Core contributor on new product team working to provide a solution for managing assets related to critical city infrastructure.

- Worked with Node, Go, AWS, and Terraform to build a microservice based platform for multiple iOS and web product teams.
- Built out backend primarily using AWS Lambda, ECS, S3, and configuring AWS infrastructure as code with Terraform.
- \circ $\,$ Maintained high test coverage throughout the application using Jest and native Go tests.
- Assisted with new product launch by fixing critical production bugs during early stage rollout, and sprint planning new features based on user feedback.
- Used SumoLogic for creating dashboards and alerts to maintain application stability.

Associate Software Engineer | ZapLabs

Individual contributor to B2B CRM & consumer products. Worked with other engineers to build prototypes and release features in a SCRUM environment.

- Developed market-leading consumer web applications for Realogy's national brands (Coldwell Banker, Century 21, ERA, Better Homes and Gardens Real Estate) with focuses on performance, code scalability, and maintainability.
- Worked with React, NodeJS, AWS, and MongoDB, to build prototypes for new product discovery.
- Collaborated on multiple cross-functional teams in a rapid prototyping environment to quickly identify stakeholders' needs and build a market-ready product.
- Maintained Zap's legacy CRM platform, addressing critical bugs escalated from support team.
- Converted monolith application into a modular microservice based architecture, improving productivity, speed, and flexibility.

Software Engineer Intern | ZapLabs

June 2018 - August 2018

January 2019 - June 2019

Worked with senior developers to build and release features in agile continuous deployment environment, and a team of interns to build a project in hackathon style environment.

- Created Web Components using JavaScript, HTML, and CSS for the shared internal component library used by Zaplabs and Realogy.
- Fixed bugs, created tests, and built features for the Zap CRM platform.
- Used AWS to build facial recognition chrome extension for authentication on Zap CRM.

Certifications

Amazon Web Services Solutions Architect Associate

Credential ID 17FDTDVCHJ4Q1PKJ

<u>Github</u> Linkedin

Relevant Links