

Aaron Van Bokhoven

Phone: 808-233-9760 / E-mail: bokhoven@gmail.com / Websites: aaronvb.com, github.com/aaronvb

Professional Summary

Full stack software engineer with experience in software design, development, and integration. Has advanced knowledge of Ruby on Rails, Go, and JavaScript. Very passionate about pair-programming, open source software, and problem-solving.

Technical Tools

- Ruby on Rails
- Go
- ES6, React, Redux
- PostgreSQL, MySQL
- Redis, RabbitMQ
- GraphQL
- Git, AWS, Docker, Kubernetes
- RSpec, TDD

Professional Experience

Senior Full Stack Software Engineer - Real Geeks/Fidelity National Financial, Remote

July 2017 - Current

- Lead and work on projects across multiple products and internal services including CRM, Drip, Lead Routing, and Communication(Twilio, e-mail, live chat, AI), using Ruby on Rails, Go, React, and Python.
- Development and design of back-end and front-end for a Live Chat product that clients use to capture, communicate, track, and monitor their leads in real-time.
- Implementation of a system that integrates an external AI Assistant that communicates with leads.
- Maintenance and optimization of a complex fault tolerant Lead routing system in Go that processes and distributes thousands of messages per second.
- Work remotely with multiple teams including the product team, QA team, and support team on a regular basis to provide technical design, architectural guidance, early project exploration and feedback.
- Mentor new employees to help with the on-boarding process.
- Coordinate with DevOps to migrate new systems to Kubernetes, discuss deployment and resources strategies.

Lead Software Engineer - Hawaii Camera, Honolulu, HI

February 2010 - July 2017

- Created and built software that allowed customers to view products, calculate prices, checkout orders, pay with credit cards, and view their account history all within the in-house custom system.
- Created and built software that allowed the staff to execute business operations by tracking and managing inventory, processing payments, generating reports, creating estimates, and e-signatures.
- Implemented innovative systems to manage rental bookings of products, serial tracking and history, customer booking conflict detection, and custom product packages and components.
- Worked closely with managers and staff to design and implement new features and bug fixes regularly.

Software Developer - Buoy Alarm, Honolulu, HI

May 2010 - December 2018

- Designed and developed the database structure that allowed the system to record and analyze hundreds of buoy data points which produced over 1 billion records that could be accessed quickly.
- Implemented a scalable and stable platform to continuously collect data from our buoy data points.
- Created the notification alarm feature that allowed users to set alarms for multiple types of buoy data that was collected.