

Aaron Van Bokhoven

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Professional Summary

Full stack software developer with experience in software design, development, and integration. Has advanced knowledge of Ruby, 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
- WebSockets
- Git, AWS, Docker
- RSpec, TDD
- ElasticSearch

Professional Experience

Full Stack Software Developer - Real Geeks/Fidelity National Financial, Kailua, HI

July 2017 - Current

- Development on multiple production products and services including CRM, Drip, Lead Routing, and Communication (Twilio, e-mail, live chat) 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, track, and monitor their leads in real-time.
- Implementation of a system that integrates an 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.

Lead Software Engineer - Hawaii Camera, Honolulu, HI

February 2010 - July 2017

- Created and built front-end 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 back-end 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.
- Managed DevOps using best-practices, PCI compliance, and PaSS tools, to secure, scale, and maintain the servers that run the software.
- Led a small team that designed and created a desktop and mobile friendly software design.
- 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.