

## Aaron Van Bokhoven

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### Professional Summary

Full-stack web developer with more than 10 years in software design, development and integration. Advanced knowledge of Ruby on Rails, Go, and JavaScript. Passionate about pair-programming, open source software, and problem-solving.

### Technical Tools

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

### Professional Experience

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

July 2017 to Current

- Work across multiple production products and services that include CRM, Drip, Lead Routing, and Communication(Twilio, e-mail, live chat), using Ruby on Rails, Go, React, and Python.
- Designed and implemented the back-end and front-end for a live-chat feature for clients to capture, track, and monitor their leads in real-time.
- Implemented a system to integrate an AI Assistant that can be used to communicate with leads.
- Maintained and optimized a complex Lead routing system in Go.

#### Lead Software Engineer - Hawaii Camera, Honolulu, HI

February 2010 to July 2017

- Built the software stack that runs the core operations of the business.
- Built the front-end that allows customers to use the software to view products, calculate prices, checkout orders, pay with credit card, and view their account history all within our system.
- Built the back-end that allows the staff to operate the business by tracking inventory, processing payments, generating reports, creating estimates, e-signatures, and inventory maintenance.
- Implemented innovative systems to manage rental bookings of products, serial tracking and history, 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.
- Lead a small team to design and create a user and mobile friendly design.
- Worked closely with rental managers and staff to design and implement new features and bug fixes regularly.

#### Software Developer - Buoy Alarm, Honolulu, HI

May 2010 to December 2018

- Designed and developed the database structure that allows the system to record and analyze hundreds of data points, producing over 1 billion records that can be accessed quickly.
- Implemented a scalable and stable platform to continuously collect data from our data points.
- Created the alarm feature that allows users to set alarms for multiple types of data that gets collected, and will notify them when the alarm is triggered.