Aaron Van Bokhoven

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Professional Summary

Full stack software developer with more than 10 years 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
- WebSockets

- Git, AWS, Docker
- RSpec, TDD
- ElasticSearch

Professional Experience

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

July 2017 - Current

- Develop in Ruby on Rails, Go, React, and Python to work on multiple production products and services including CRM, Drip, Lead Routing, and Communication (Twilio, e-mail, live chat).
- 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.