

# Aaron Dean

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## Languages and Technologies

**Skills:** Ruby on Rails, Java, Go, Backbone, Vue/Vuex, Node, JavaScript, React/Redux, HTML/CSS, Restful API, Python, PostgreSQL, AWS (EC2/ELB/Lambda/S3), Unit/Integration testing, Test-Driven-Development

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## Experience

### **Software Engineer** - *Health Catalyst / Able Health (acquired)*

July 2019-  
Sept 2020

- Contributed to the “Data At Scale Initiative” to optimize our ETL pipeline (built-in Rails) and reduce server cost by more than \$250,000 thousand dollars
- Transcribed medical regulation into Java Drools code to automate yearly performance assessment delivering \$1 million dollars + of value to customers
- Optimized an export query by 99% for the exporting of our slowest customer

### **Software Engineering Consultant** - *Reddoor*

Jan 2019-  
April 2019

- Brought onboard to build the first iteration of the platform and set-up the architecture
- Used Vue.js to build a custom dashboard to allow internal employees to communicate with customers, send documents, and manage customer pipelines
- Built a feature that fetches and stores a user’s credit report to assess 90%+ accuracy their credibility for a mortgage

### **Fullstack Software Engineer**- *Alcatraz AI*

April 2018-  
Dec 2018

- Joined an early stage 8-person team to build the first version of their web platform using React + Redux
- Shipped the core dashboards and toolings that allow security guards to monitor the usage of Alcatraz devices
- Set-up CI builds to allow the automation of 10+ processes including automated testing and staging

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## Recent Projects

### **Software Engineer** - *Rapbits*

Dec 2018 -  
Feb 2020

- Built the frontend using React + Redux and scaled to hundreds of users
- Refactored backend functions to handle chatbot replies and background processing for the 600+ songs on the platform

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## Education

### **Hack Reactor**

Nov 2017 - Feb 2018

Advanced Software Engineering Immersive

### **University Of California, Berkeley**

May 2016

*Comparative Literature, B.A.*