

KELLY HUDIONO

SOFTWARE ENGINEER

CONTACT

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San Francisco Bay Area



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PORTFOLIO

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TECHNICAL SKILLS

Languages + Frameworks

JavaScript ES5, ES6,
React.js, Node.js,
Express, jQuery,
HTML, CSS,
Python

Databases + ORMs

MongoDB, Mongoose,
MySQL, MariaDB,
Sequelize, Knex

Developer Tools

Git, Babel, Webpack,
Amazon Web Services,
Google Cloud Platform,
Docker, Terraform,
Chai, Mocha,
Jest, Enzyme

Software/Other

Okta
VMware
Microsoft Active Directory
Tableau

EDUCATION

University of California, Davis

2012 - 2016

B.S. Chemical Engineering

Hack Reactor

2019 - 2019

Advanced Software Engineering
Immersive Program

PROFESSIONAL EXPERIENCE

Driver Inc.

2017 – 2017

Site Reliability Associate / IT System Administrator

- ◆ Developed, improved, and maintained scripts to automate application deployments using Errbot and Python to enable self-deployment on Slack for developers
- ◆ Managed initial of new services in GCP using terraform and maintained secret management using Hashicorp Vault
- ◆ Managed all user accounts and group policies in Microsoft Active Directory to improve onboarding/offboarding processes
- ◆ Improved logging and monitoring of ticketing system to ensure fast, quality resolutions for issues

Driver Inc.

2017 – 2017

Quality Associate

- ◆ Implemented and maintained laboratory's quality management system
- ◆ Developed ad hoc operational analysis to analyze metrics on existing operating models to identify issues and optimize processes and product operation workflows
- ◆ Wrote, reviewed, and revised policies, and technical documents to demonstrate compliance with state and federal regulations (CLIA + HIPAA)

Genentech Inc.

2016 - 2017

Project and Portfolio Management Intern

- ◆ Developed prioritization maps and tools to assist teams to understand interdependencies between their studies and to ensure successful and on time completion of deliverables to meet timelines for health authority filings
- ◆ Facilitated communication and lead teams consisting of study authors, QA groups, and sample analysis groups to resolve study issues, process bottlenecks, and communication gaps

SOFTWARE ENGINEERING APPLICATIONS

BearBnb - Online marketplace for lodging and homestays

Tech Stack: Mariadb, Express, Node.js, Knex, Docker, EC2

- ◆ Scaled web application to handle 20+ million data and achieve 700 requests per second with less than 110ms latency
- ◆ Implemented Redis Caching to reduce input latency from 90ms to 60ms for 500 requests per second

Abibas - Full-stack retail shoes application

Tech Stack: React, Node.js, Express, MySQL, Docker, EC2, Bootstrap, Jest/Enzyme

- ◆ Created an interactive, modular front-end microservice displaying product details and product image displays using Javascript and React
- ◆ Implemented multiple microservices with an Express proxy server and deployed Dockerized microservices to EC2
- ◆ Achieved 85% unit test coverage for components using Jest and Enzyme

Boba Buddies - Web application for finding bubble tea places

Tech Stack: React, Node.js, Express, MongoDB, GraphQL, Yelp Fusion API

- ◆ Created an user-friendly interface for finding bubble tea shops in specified location using Yelp fusion API
- ◆ Utilized Google Maps API to render map view of locations