

## Contact

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San Francisco Bay Area



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## Portfolio

github.com/khudiono



kellyhudiono.com



## 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

# KELLY HUDIONO

## Software Engineer

## Professional Experience

### Driver Inc.

2017 – 2018

*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