

Clayton G. Chin

Software Engineer | San Francisco, California (Open to Remote/ Relocation) | (650) 636 - 5501
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TECHNICAL SKILLS

Front-end: Javascript ES5/ES6+ | React | HTML | CSS | Babel | Webpack | React Native

Back-end/ Deployment: Node.js | Express.js | AWS

Databases: PostgreSQL | MySQL | MongoDB/ Mongoose ORM

Developer Tools/ Testing: Visual Studio Code | Git | npm | Vim | ESLint | Ubuntu | Postman | Jest

SOFTWARE ENGINEERING APPLICATIONS

Full-Stack Engineer, Vegetation Station, [GitHub Repo](#) | PSQL | Express.js | React Native | Node.js | AWS 2022

Launched a mobile iOS application that allows users to trade plants with other plant lovers within a 150-mile radius

- Created and connected React Native widgets and components in line with Test Driven Development best practices
- Connected our Express server to our PostgreSQL database to create schemas and write queries to feed relevant data into our application
- Collaborated with a team of nine engineers to create the product starting from wireframing to presenting live working demos to the client
- Designed the profile page and chat messages components for our app

Front-End Software Engineer, Strings, [GitHub Repo](#) | Express.js | React | Node.js | AWS 2022

Delivered a fully functional e-commerce website that allowed users to add reviews, questions, and items to their cart

- Refactored React components by removing repetitive code and maximizing the reusability of components, improving the Lighthouse performance score by 12 points
- Implemented unit and end-to-end testing using Jest/ React Testing Library framework
- Worked on an agile team of four engineers and used Git and Trello to keep organized on a single codebase

Back-End Software Engineer, Soulful, [GitHub Repo](#) | PostgreSQL | Express.js | React | Node.js | AWS 2022

Replaced legacy server/ API for an E-commerce web application with an MVC design pattern and PostgreSQL database

- Utilized the ETL process on millions of rows of data and formatted the queries to return the same formatted data that needs to be received by the front end
- Horizontally scaled the application with multiple Amazon EC2 instances and added an NGINX load balancer to handle over 2000 RPS with a less than 1% error rate
- Local stress tested the server with K6 and stress tested deployed server on Loader.io

PROFESSIONAL EXPERIENCE

Payment Operations Analyst, Internet Escrow Services Inc. August 2020 - Present

- Creating training guides and facilitating one-on-one training sessions with new analysts to cut training time by 10% and improve the efficiency of their daily processes
- Reducing the time taken to address escalations by partnering with the customer outreach team, resulting in a roughly 15% decrease in time needed to close a transaction
- Preventing fraudulent payments and transactions by staying up to date with AML and KYC procedures through cooperating with the compliance team

Director of Finance, UCLA Office of the Transfer Student Representative April 2019 – June 2020

- Monitored the disbursement of \$7,000 and produced regular reports on spending which are used to budget for the upcoming school year
- Coordinated with a team of five to accurately allocate resources for the Transfer Gala which hosted roughly 300 students

EDUCATION

Hack Reactor | Advanced Software Engineering Certificate, US Remote

August 2022

University of California, Los Angeles | B.S. in Mathematics | Los Angeles, CA

June 2020