

ADRIENNE TRAN

FULL STACK SOFTWARE ENGINEER

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Technical Skills: JavaScript | Python | Playwright | GraphQL | React | Redux | Flask | Express | Node | HTML | CSS | PostgreSQL | SQLite3 | Sequelize | SQLAlchemy | git |

WORK EXPERIENCE

QA Wolf | Software Engineer | Remote

May 2024 – current

- Developed comprehensive automated front-end and back-end tests using the Playwright framework, improving test coverage and reducing manual QA effort
- Collaborated directly with clients to define testing requirements and expectations, ensuring alignment on goals, timelines, and outcomes
- Designed and developed internal tooling using React and GraphQL, streamlining internal workflows and improving engineer efficiency

OptumRx | *Clinical Pharmacist* | Costa Mesa, CA

October 2018 – May 2024

- Developed and maintained Excel verbiage macros utilizing Visual Basic for Applications (VBA) for company use
- Reviewed formulary and utilization management guidelines to determine if medications should be covered based on patient medical history
- Trained incoming clinical pharmacists as subject matter expert in Medicare Part D formulary reviews

Partner Healthcare | *Pharmacy Operations Manager* | Monrovia, CA

August 2016 – October 2018

- Managed a staff of over 100+ employees consisting of pharmacy technicians, clerks, interns, and pharmacists in a 24 hour fast-paced pharmacy delivering from 800-1000 prescriptions per day
- Problem solved various issues in pharmacy including customer service complaints, insurance issues, and technical problems with computer software

PROJECT EXPERIENCE

Pillbox | JavaScript | Python | Flask | React | Redux | SQLAlchemy | PostgreSQL | date-fns

[GitHub](#) \ [Live Demo](#)

- Designed an intuitive frontend interface using React and Redux state management for users to manage their medications, appointments, and providers
- Constructed a server-side RESTful API with Python/Flask to facilitate communication and real-time updates between a React frontend and a PostgreSQL database, guaranteeing dynamic interaction with user inputs
- Formulated a comprehensive data modeling structure with SQLAlchemy as an object relational mapping (ORM) tool to ensure efficient database interactions resulting in well-organized data returns

Robinhoodie | JavaScript | Python | Flask | React | Redux | SQLAlchemy | PostgreSQL | Apex charts

[GitHub](#) \ [Live Demo](#)

- Implemented a user-friendly financial trading application, following Robinhood's wireframes, with React for dynamic front-end interfaces and Redux for state management
- Leveraged Alpaca API, an external financial API, to fetch stock market prices upon render to allow users to see updated stock data, demonstrating the ability to integrate third party services

EDUCATION

App Academy \ Full Stack Web Development

Completed 12/2023

University of Southern California \ *Doctor of Pharmacy* | Los Angeles, CA

2014

University of California, Irvine \ *Bachelor of Science, Chemistry, Biological Sciences* | Irvine, CA

2010