

Yao Guan

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Education

Fullstack Academy Web Development Bootcamp

4/2023

Certificate of Completion

Full-time, FullStack Javascript Web Development Immersive

University at Buffalo, Buffalo, NY

6/2018

Doctor of Pharmacy - Pharm.D, Rho Chi Honors Society, summa cum laude (GPA: 3.86)

Technical Projects

Fat-Stack - Personal Finance App | fat-stack.onrender.com

Track, view and analyze personal finances with ease. Integrate with banking and spending data or use standalone.

- Integrated **Plaid API to enable users to sync banking data** with the application's database. **Leveraged RDBMS (relational database) to manage** users', transactions, budgets, spending trends, and goals data.
- Designed **RESTful API with Express.js**; creating, updating, deleting, and serving modular user-specific finance data through Sequelize ORM and SQL queries when requested by client. **Configured backend to accept, categorize, sort and store user-specific data** received from Plaid.
- **Harnessed Redux and react hooks** to process, update and re-render data for real time visualization.
- **Visualization of spending trends, budget progressions and goals data** in elegant yet easy to understand charts, diagrams and graphs through **ApexCharts.js and VictoryCharts**.
- **Employed OpenAI to generate inspirations and goal building guides through user-specific prompts.**

STRIIDE - E-Commerce App | striiide.onrender.com

Full stack app serving users as an e-commerce, while allowing admins to analyze and manage users and product data.

- **Integrated with Stripe for payment, constructed database schema and relationships with Sequelize ORM and PostgreSQL** for the management of products, inventories, users data, and cart functionalities.
- Utilization of **JWT/bcrypt for authentication that allows for unique user-specific versus guest** experience.
- **Material-UI library** for clean and minimalist UX/UI design. **Managed state with redux toolkit and thunks.**

House of Divide - Campus Enrollment App | [Github](#)

A RESTful web platform that allows for CRUD operations on campus-student information.

- Utilized React, Redux, and CSS to **construct interactive front-end that displayed campus and student info.**
- Implemented backend **with Express.js and Node.js. Connecting to PostgreSQL database** through Sequelize ORM. Allows users to **create, update, or remove campus-student data from client-side through axios.**

Skills

Languages - JavaScript, Python, HTML₅, CSS₃,

Technology - React, Next.js, Redux Toolkit, Node.js, Express, Material-UI, Bootstrap, Git/Github, PostgreSQL, Sequelize, Firebase, Agile development, Chai, Mocha, Jasmine, Plaid API, ApexCharts.js

Professional Experience

Mannings Pharmacy Corporation

New York, NY

COVID-19 Program Director/Immunization Lead

5/20 - 1/23

- Co-authored comprehensive COVID policies covering vaccines, storage, and safety protocol for the company.
- Diversified COVID services to include testing, vaccinations, and treatments, generating 500K+ in billing.
- Established weekly on-site vaccination clinics for community centers with 100-200 elderly patients per event.

Supervising Pharmacist

6/19 - 1/23

- Integrated NimbleRx platform at 5 locations, providing patients with Uber-like delivery service.
- Formalized company prescription delivery service through FedEx, enhancing convenience and COVID safety.
- Streamlined telemedicine patient procedures, resulting in a profit generation of over \$200K for the program..

Languages: English, Chinese (Cantonese and Mandarin)

Interests: Volleyball, snowboarding, rock climbing, traveling, TV series, hiking, tennis