Casey Tuer

Full Stack Software Engineer

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SKILLS

Frontend: **JavaScript | React | Redux | CSS | HTML**
Backend: **Python | Node.js | Flask | Express | SQL | PostgreSQL | SQLAlchemy | Sequelize**
Other: **Git | Heroku | Docker | Postman**

PROJECTS

EZpickup   Live Site | GitHub
*Original full-stack application created with **Flask/SQLAlchemy** in the backend, **React/Redux/CSS** in the frontend*
- Engineered **RESTful API** with **Flask** to coordinate the transfer of data from **PostgreSQL** database to frontend.
- Maintained application state with **Redux** to ensure dynamic and predictable data flow throughout.
- Designed original and intuitive **CSS** and JavaScript-based **UI** to provide a professional user experience.
- Integrated **Heroku** pipeline with **GitHub** actions for staging and production environments.

Hotpotato   Live Site | GitHub
*Group collaboration full-stack application created with **Flask/SQLAlchemy** in the backend, **React/Redux/CSS** in the frontend*
- Created substantial **PostgreSQL** relational database models to enable product categorization and filtering.
- Developed a self-referential table with **SQLAlchemy** to allow users to follow their favorite chefs.
- Integrated **JSON** data from external **API** to seed database with 100+ recipes.
- Amplified efficiency by incorporating **agile development** philosophy via extensive use of **kanban board**.

Extreme Rentals   Live Site | GitHub
*Inspired by Airbnb created with **Express/Sequelize** in the backend, **React/Redux/CSS** in the frontend*
- Implemented user authentication system with **Helmet** and **csurf Node.js** middleware to ensure user security.
- Built and seeded database models with **Sequelize ORM** to enable reliable storage of valuable data.
- Utilized **Sequelize.js ValidationError** function to allow custom and dependable validation and error handling.
- Incorporated **CSS media queries** to ensure responsive design for differently sized viewports.

RELEVANT EXPERIENCE

Website Administrator
Lucy's by the Park, Oct 2016 - Dec 2020
- Increased business **exposure by > 60%** by creating and maintaining a dynamic **WordPress** website.
- Used **HTML/CSS** and **JavaScript** to develop custom **UI** and features based on the needs of the business.
- Integrated new **extensions and plug-ins** to increase website **usability and interactivity**.
- Optimized **website performance** by tracking and monitoring **analytical data**
- Displayed **adaptability and flexibility** by incorporating features that reflected the evolving requirements of business owners.

EDUCATION

App Academy - *Full Stack Software Engineering*   *April 2021*
- 1,000-hour immersive software development program with <3% acceptance rate and a focus on full-stack web development
- Relevant Coursework: **Object-Oriented Programming (OOP), Test Driven Development (TDD), Unit Test, Coding Best Practices, Pair Programming, REST, Systems Design and Architecture Fundamentals, Foundations of Computer Science, Agile methodologies, SCRUM Methodologies, Version Control (Git), Linux, Modern Web Technologies**

VOLUNTEER EXPERIENCE

Urban Surf 4 Kids - *Mentor*   *2018 - Present*
- Provides unique therapeutic experiences to youth in foster care and at-risk communities on a monthly basis.

ADDITIONAL EXPERIENCE

Crossover Collective - *Sales Associate*   *Jan 2017 - April 2021*
LAZ Parking - *Valet Attendant (shift lead)*   *Oct 2019 - March 2020*
Casa Builders & Remodeling - *General Laborer*   *Dec 2012 - Dec 2016*