Casey Tuer

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San Diego, CA

Portfolio | LinkedIn | GitHub

SKILLS

Python, JavaScript, React, Redux, Flask, Express, SQL, Git, HTML5, CSS3, Docker

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 self-referential table with SQLAlchemy to enable 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

Lucy's by the Park - *Website administrator*   *Oct 2016 - Dec 2020*
- Created and maintained a dynamic WordPress website for a local business which increased exposure by more than 60%.
- Used HTML/CSS and JavaScript to develop custom UI and features based on the needs of the business.
- Introduced new extensions and plug-ins to increase website usability and interactivity.
- Monitored website performance and handled troubleshooting technical issues.
- Managed deadlines while incorporating features that reflected the evolving requirements of business owners.

EDUCATION

App Academy - *Full Stack Software Engineering Certificate*   *Sept 2021*
- 1,500-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), Coding Best Practices, Pair Programming, REST, Systems Design and Architecture Fundamentals, Foundations of Computer Science, Agile/SCRUM Methodologies

VOLUNTEER EXPERIENCE

Urban Surf 4 Kids - *Mentor*   *2018 - Present*
- Attend monthly events to provide unique therapeutic experiences to youth in foster care and at-risk communities.

OTHER 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*