Jonathan Wehner

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Skills

React.js, Redux, Python, JavaScript ES6, TypeScript, Express, Node.js, Flask, HTML5, CSS3, SQL, Next.js, Postgres, AWS S3, Chai, Heroku, CI/CD, CircleCI, Test Driven Development, Agile, Git, Pair programming, Clean Code

Projects

InstantaneousGramme   live site | github

JavaScript, Python, React / Redux , Flask, postgreSQL , CSS , AWS , Heroku , Docker

Social media platform for users to share their photos with the world developed in an agile environment..

- Implemented boto3 pre-signed requests to reduce server load by uploading user images directly to AWS s3 from the front-end, enabling users to upload personal profile photos.
- Utilized agile development practices and pair programming to deliver a fully featured project with a team of developers in one week.
- Implemented React functional components with hooks and Redux to reduce the need for prop drilling and improving code readability and usability.

PantryStock   live site | github

JavaScript, Python, ReactJS / Redux , Flask, postgreSQL , CSS , Heroku , Docker, React Testing Library, Jest

Shopping list and pantry tracking web application built with the React and Flask frameworks.

- Utilized Jest with React Testing Library to test UI features and ensure development errors do not reach production.
- Implemented continuous integration and deployment with CircleCI to streamline development, automate testing and deployment when new features are merged into the main branch.
- Used CSS FlexBox and Media Queries to create an alternative UI for smaller screens and improve the user experience when using the application on mobile devices.

OpenCarts   live site | github

JavaScript, TypeScript, React / Redux , Express, Node.js, postgreSQL, CSS, Heroku, Webpack, HTML, Sequelize

Reservation platform for users to book reservations at local food carts.

- Designed and Implemented a relational database schema and RESTful API with Sequelize, Express, and postgres, ensuring smooth development workflows on the backend of the application.
- Rewrote application Front end code utilizing TypeScript, increasing documentation and code readability, ultimately leading to fewer errors and bugs.

Experience

Project Administrator | June 2018 - August 2020

Ross Island Sand & Gravel Co.

- Administered contract provisions and written communication with prime contractors and project owners on construction contracts valued up to $20 million.
- Collaborated with team members to ensure contract compliance and timely delivery of project deliverables to stakeholders, resulting in no delays to payment release.
- Created and maintained project schedules to communicate realistic delivery dates to project stakeholders.

Education

App Academy | Oct 2020 - March 2021

Immersive computer software engineering course with a focus on full stack web application development.

Oregon State University | Spring 2018 | Corvallis, OR

BS, Construction Engineering Management