

Ethan Browning

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

Languages and tools: React, Redux, Express, Vue.js, JSON, jQuery, Node.js, Flask, Django, Sequelize, MySQL, SQLite3 SQLAlchemy, PostgreSQL, Docker, Amazon Web Services, HTTP, Webpack, CI/CD, Git, Github, Heroku, Figma, Jest, Jira, Mocha, Chai, REST API, Agile, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Kanban, A/B Testing, Linux, Ubuntu, Bash, PHP, Laravel

PROJECTS

PipCamp

[live](#) | [github](#)

A pixel-perfect HipCamp-inspired clone made with Flask, Python, ReactJS, Heroku hosting, AWS image hosting, themed for the video game Fallout 4

- Utilized vanilla HTML5 and CSS3 to create custom design elements instead of templates, giving consideration to formats for web browsers with a range of sizes from smartphones and mobile browsers.
- Implemented a back end with Python via Flask, formed API routes using RESTful practices: front end development handled with React.js, creating sensible components to facilitate consistent styling.
- Adopted the user experience of HipCamp, with the application of another theme and color palette, resulting in an attractive website to delight fans of the game.

Bark!

[live](#) | [github](#)

A Yelp clone for places you can take your dog, programmed with JavaScript: Express.js, React.js, Redux, Heroku hosting, Sequelize

- Delivered smooth loading and updating of information with no loss of backend data; shaping Redux state appropriately ensures the user never encounters data-related errors, and keeps calls to APIs and costs to a minimum, and has room for scalability.
- Created Express backend to hold the models for the database and define the API routes that are used to access and deliver database information.
- Built interactive user interface elements such as a sliding star scale for the rating on the review form with CSS animations and state manipulation with React.js

Table Open

[live](#) | [github](#)

An OpenTable clone; a Flask back-end, React front-end project, RESTful APIs, Git and Github for version control, built with the teamwork of 4 engineers

- Spearheaded bug fixes and product testing to debug and ensure smooth deployment; utilized Kanban board to proactively track bugs to meet technical debt standards and reduce risk of site downtime.
- Employing Github for version control allowed for maximum development time and minimum downtime for the live application.
- Utilizing Figma for wireframing, designed an intuitive, responsive UX/UI to ensure any interactive element was unquestionably interactive while maintaining an attractive user interface design.

EXPERIENCE

Lead Technician

OZO Coffee Company

Mar 2018 - Feb 2020

- Succeeded in keeping accounts up-to-date on preventative maintenance schedule for wholesale accounts.
- Led a small team to perform difficult repairs and installations, and train and articulate concepts to new techs and business owners on preventative maintenance and basic repairs, often simplifying complex concepts.
- Maintained technical documentation and equipment logs, keeping equipment's internal software up to date.
- Project management skills: Headed project management for cafe buildout, Cleared and maintained backlog of repairs for all accounts within months of starting.
- Required problem solving, work in fast-paced environments, and to be self-motivated while often working with teams.

Repair Technician

Guitar Center

Aug 2016 - Feb 2018

- Managed testing / troubleshooting damaged equipment in the ticketing backlog and performing repairs or shipping them to appropriate vendors for repair, cleared the heavy backlog of damaged equipment.
- Optimized shipping workflows to keep the receiving area clear during peak business.
- Utilized a proprietary database program daily that required querying via SQL to access and update info for daily operations.

- Required excellent verbal and written communication skills, quality assurance, analytical skills, and customer service.

EDUCATION

Full Stack Software Engineering - App Academy | Spring 2022 | Full stack Software Development, gained experience in computer engineering and development of software applications, focused on Web Technologies, Web Applications and Web Development

Completed coursework towards a BS in Engineering - North Carolina State University | 2011 - 2013 | Learned Computer Science basics, Python, Matlab, Problem solving skills