

Galen Davis

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Skills JavaScript, Typescript, React w/Hooks, Redux, HTML, CSS/SCSS, MongoDB, Node.js, Express.js, PostgreSQL, BigQuery, Webpack, Vite, jQuery, Git, Jira

Experience

UX Engineer | Arizent

March 2022 - Jan 2024

- Owned the relationship between the Frontend and Event Marketing teams to fulfill promotional requests and lift builds.
- Achieved ~30% growth in pageviews for a leading B2B media company, across 12 events/year.
- Spearheaded an initiative for our internal team to utilize BigQuery in order to streamline analysis of UX/UI changes in order to better serve our customers and clients.
- Organized subscriber data from BigQuery in order to track and correlate results from new initiatives and experiences.
- Implemented a living spreadsheet for an auto-renew disable survey at the request of the Executive Leadership team, resulting in quicker analysis of friction points and a more agile workflow when deploying new features.
- Refactored legacy code for UX/UI redesign and modernizing of websites across a portfolio of diverse online brands.

Team Captain/Head Server | Bluestone Lane

June 2018 - March 2020

- Increased after-hours profits ~80% by spearheading a strategic partnership with neighboring luxury residences.
- Managed time efficiently in a high-volume, rapidly evolving, high-end customer service environment.
- Onboarded a dozen new hires in company values, best practices, and technical POS systems.
- Coordinated with other team leads and sister stores to manage interim managerial duties for several months while a new manager was being hired and trained. Reliably filled in service gaps during coworker absences.

Projects

Unstructables (React.js, Redux, Ruby on Rails, PostgreSQL, AWS S3, Heroku, Webpack)

[github](#)

Single page, full-stack clone of Instructables, a site where users can share and discuss their DIY projects.

- Incorporated AWS S3 alongside Rails' Active Storage to allow users to upload and attach images to their created projects and steps.
- Developed a full stack user authentication system, complete with error handling to provide simple login and sign up experience for new or returning users
- Harnessed the unified state management of Redux to directly manage data for form inputs and submissions of DIY projects.

High Altitude Agriculture (JavaScript, Canvas, Webpack, Aseprite)

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

A simple Javascript game about botany and sci-fi survival

- Utilized Aseprite in conjunction with Canvas to design an interactive, animated visual experience.
- Leveraged JavaScript to create a challenging, yet straightforward, gameplay loop.

What's Cooking (MongoDB, Express, React, Node, Spoonacular Recipe API)

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

Single page MERN stack recipe search engine based on ingredients the user already has.

- Integrated the Spoonacular API's search functionality using Axios to allow users to make custom searches based on a list of input ingredients.
- Exploited MongoDB's schema-less database structure to allow for more flexible management of any non-standardized information returned from the search API.
- Designed a dynamic and attractive splash page for users through the implementation of simple CSS animations.

Education

App Academy | Fall 2020 | Intensive 16-week full stack web development program with 1000+ hours of coding.

School of Visual Arts | Spring 2014 | BFA Film Production