

Benjamin Corbett

Full-Stack Web Developer

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Summary

I am a **Full-Stack Developer** who specializes in creating user-friendly applications using **React** with **Next.js** or **Vite**. I also have experience using **Redux** for **state management** and developing back-end systems with **Express.js**, **Node.js**, and **MongoDB**, creating scalable and high-performance solutions. I have implemented **WebSockets** for real-time communication and conduct unit-tests with **Jest**. For the design of my app, I leverage **Material UI**, **Tailwind CSS**, or **Bootstrap**. I am versed in **Git-workflow** and **Agile methodologies**. I am currently expanding my skills in **TypeScript** and **Amazon Web Services**.

Outside of tech, I enjoy practicing yoga, surfing, hiking, or spending time with my wife and australian shepherd.

Tech Stack

MongoDB • React • Redux • Next.js • Redux Toolkit • Node.js • Express.js • Websockets • JavaScript • REST API • Jest • Bootstrap • Tailwind CSS • Material UI

Projects

Weather Station [Repository](#) | [Demo](#)

React | Next.js | Redux Toolkit | Bootstrap | REST API | Material UI

- Built a responsive 5-day weather forecast application, leveraging **React** and **Redux Toolkit** to provide a seamless user experience.
- Integrated the **OpenWeather API** to dynamically fetch real-time temperature, pressure, and humidity data for any city.
- Designed a custom auto-complete input field using **Google Places API**, enabling users to see relevant search results based on their input
- Implemented **Redux Toolkit** for efficient state management and handling of asynchronous API requests.

Contact List v2 [Repository](#) | [Demo](#)

React | Next.js | Bootstrap

- Constructed a modern rolodex application that enables users to add, delete, and view contact profiles from a pre-generated JSON database.
- Utilized **React's Context API** to efficiently manage state and share functions across multiple components.
- Implemented **PropTypes** to ensure strict and accurate prop validation for all components.
- Included **Next.js** features such as **CSS Modules** and **Next.js routing** for seamless navigation between pages.

Trello 2.0 *Repository*

React | Redux | Node.js | MongoDB | Tailwind CSS

- Rebuilt a **Trello** clone to simulate a workplace environment with 2 other developers, applying **Agile methodologies, standups, sprint planning, and git-workflow** throughout the project..
- Features a **login page** with a **Local JWT strategy**, securely authenticating users with pre-generated credentials stored in a **MongoDB database**.
- Engaged in **pair-programming** to practice collaboration and improve code quality.

Education

Parsity *February 2022 - June 2022*

- Completed an intensive online full-stack software engineering program focused on **MongoDB, Express.js, React, Node.js** and industry best practices in software development.

Experience

Software Developer - Chingu *November 2024 - present*

- “Voyages” with Chingu are broken into 6 sprints where I work with a team of 7 other individuals in a simulated workplace environment to design, build, and deploy a web application.
- Leverage Jira for task management and sprint planning while adhering to **Agile** principles through daily **standups, sprint reviews, and retrospectives**.
- Worked together to strengthen each other's technical and teamwork skills by actively contributing to app development, conducting peer code reviews, and deploying production-ready code.
- We are currently developing a solar application using **React** that allows the user to schedule an installation. It features an admin login page with basic authentication, navigation with **React Router Dom**, address autocomplete powered by **Google Places API**, and an external JSON dataset used for address validation hosted on **Amazon S3**.

Commercial Fisherman *June 2011-August 2024*

My time working in this position helped me develop strong leadership qualities and to **quickly adapt** to **changing environments**. This role taught me the importance of a strong **team mentality, good attitude** on the job, and **responsibility**.

- An average trip lasts about 10 days in an effort to sustainably harvest scallops, squid, flounder, or sea bass.
- Certified safety drill instructor.
- CPR/First Aid certified.