Benjamin Corbett

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LinkedIn • GitHub • Portfolio

Summary

Full-Stack Software Developer with a strong foundation in modern **JavaScript** development**.** I am passionate about problem solving while building responsive applications using **React** and **Next.js**, creating efficient state management solutions using **Redux**, and developing scalable, back end environments with **Express.js** and **Node.js**. My current interests are **AI integration**, **Amazon Web Services**, and **TypeScript**.

Technologies

JavaScript • Redux • Next.js • Redux Toolkit • MongoDB • Tanstack Query • Node.js • Express.js • Websockets
Jest • Bootstrap • Tailwind CSS • HTML • Figma • Jira

Experience

Chingu - Software Developer
November 2024 - present
- Developed **SolarRise**, a platform enabling Los Angeles residents to schedule solar evaluations.
- Adopted Agile Methodologies, conducting daily stand-ups, code reviews, sprint planning, and retrospectives.
- -Implemented a data validation feature in SolarRise that **reduced validation processing time by 60%,** significantly improving application efficiency and user experience.

Commercial Fisherman - Cape May, NJ
June 2011 - August 2024
- Developed strong problem-solving skills through real-time decision-making and adaptive strategies in challenging maritime environments.
- Sustained high performance during extended 5-15 day offshore voyages, requiring continuous focus and collaborative teamwork.

Projects

Trello 2.5 Repository | Demo
Full-Stack Kanban Board Clone
- Developed a comprehensive task management application using **Next.js.**
- Enhanced user security by implementing a robust authentication system utilizing **NextAuth** with **OAuth 2.0.**
- Enhanced user experience with drag-and-drop functionality powered by **Framer Motion.**
- Leveraged **Tanstack Query** for server state management.

SolarRise Repository | Demo
Appointment Management System and Admin Dashboard
- Developed a high-performance address validation solution by transforming a raw Los Angeles address dataset into an easily searchable, alphabetized format using **jq CLI tool**, reducing search times by **60%.**
- Leveraged **Amazon S3** for scalable and efficient data storage.
- Enhanced admin functionality with advanced reporting by integrating **React PDF**, enabling generation of customer appointments.
- Implemented **Google Maps API** to develop an autocomplete feature, **improving user input accuracy** and user experience during address validation.
- Developed a route optimization system with **React Google Maps** that calculates the most efficient path for admins between scheduled appointments.
- Ensured a fully **responsive design** using **Tailwind CSS**, improving user experience on all devices.

WeatherStation Repository | Demo
Weather Forecasting Application
- Integrated **OpenWeather API** to deliver comprehensive 5-day weather forecasts.
- Implemented **Google Places API** to develop a custom autocomplete feature, enhancing global user accessibility through advanced geolocation features.
- Designed a responsive, user friendly interface using custom CSS, **Material UI** and **Bootstrap**.

Education

Parsity *Online Coding Bootcamp*
February 2022 - June 2022
- Intensive training in JavaScript fundamentals, MongoDB, Express.js, React, Node.js, MongoDB, and Redux.
- Acquired experience in Agile Methodologies, Git workflow, and industry best practices through collaborative, team-based projects.