Donovan Jabbar

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Full Stack Web Developer

Full Stack Web Developer with a strong foundation in TypeScript, React, Node.js, Express, and MongoDB. Driven by self-directed learning and a passion for problem-solving, I bring a creative, detail-oriented approach to building scalable, maintainable web applications. I thrive in tackling complex challenges through thoughtful iteration and clear communication, delivering impactful front-end and back-end solutions.

Technical Skills

Javascript | Typescript | React.js I Express I SCSS I TailwindCSS I Git/Github | Node.js | MongoDB I MySQL | Jest | NextJS | Google Cloud Platform

Technical Projects

Artificial Intelligence (AI) Mock Interview Platform | Github: https://github.com/donnyjb06/mock-interview-platform
An AI-powered web app offering personalized mock interview sessions, real-time feedback, and performance tracking to help users improve their interview skills. | **[Firebase, Google Gemini, Next.js, Tailwind, Vapi]**
- Created an adaptive mock interview experience by designing an AI-driven workflow that dynamically generates, presents, and evaluates question sets based on role, level, and question type
- Enabled personalized feedback and detailed performance scoring by integrating AI-generated responses with user answers to iteratively simulate realistic interview sessions
- Increased task completion speed by up to 25% by integrating session tracking and auto-cycle functionality, reducing manual input and minimizing context switching between work and rest

SightSee USA | Github: https://github.com/donnyjb06/sightsee-usa
A React web app that helps users plan road trips by generating optimized travel routes within a selected U.S. state, creating the most efficient path between multiple points of interest based on chosen stops | **[React, JavaScript, MapLibreJS]**
- Engineered an optimization algorithm (Nearest Neighbor) that reduced travel distance and time by ~45%, leveraging real-world tourist data (3,100+ locations) and the MapLibre map rendering engine
- Won 1st place in the TripleTen Bootcamp coding competition by developing a React-based travel planning app that generates optimized sightseeing routes across U.S. states
- Built features including dark/light mode, trip customization, interactive map visualization, and polished animations, enhancing both usability and engagement

Movie Review DB | Github: https://github.com/donnyjb06/movie-review-db
A web app for users to track, rate, and review movies, with features for filtering, sorting, and managing a personal watchlist. | **[Express, React, SCSS, TypeScript]**
- Boosted user engagement by streamlining input through the design and implementation of CRUD functionality for movie reviews, enabling users to easily manage their collections
- Improved content discoverability and organization of large movie libraries by developing advanced filtering and sorting tools based on genre, rating, and metadata
- Ensured a seamless cross-device experience and long-term data retention by building a responsive, theme-aware UI with persistent storage and integrated API support

Professional Experience

Front End Developer, Dailey Training Services, Remote   02/25 - 04/25
- Increased technician training efficiency by 40% by leading the design and development of a modular workforce and emergency response app for wind turbine crews, integrating AR, biometrics, and satellite tech
- Improved system scalability and user adoption across multiple job sites by unifying UX strategy with front-end development to deliver a secure, intuitive interface
- Reduced onboarding time by 30% by implementing a responsive, user-centered design approach that enhanced clarity and interaction across mobile and remote environments

Education

Software Engineering Certificate, TripleTen Software Engineering Bootcamp   2025