Alvin Manu Wilson

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Portfolio   LinkedIn   GitHub

Profile Summary

MERN Stack Developer with hands-on experience in building responsive, scalable web applications using MongoDB, Express.js, React.js, and Node.js. Proficient in developing RESTful APIs, managing databases with Mongoose, and creating modern, user-friendly interfaces. Passionate about writing clean, maintainable code and staying current with new technologies. Strong collaborator in fast-paced, cross-functional development teams.

Technologies

Languages: JavaScript (ES6+), HTML5, CSS3

Frontend: React.js, Redux Toolkit, Tailwind CSS, Bootstrap, HTML DOM Manipulation

Backend & Database: Node.js, Express.js, MongoDB, Mongoose, RESTful API Development, JWT Authentication

Tools & Platforms: Git, GitHub, Postman, VS Code, NPM, Netlify, API Integration

Projects

DailyDraft (Blogging Platform)   GitHub
- Developed a full-stack blogging platform allowing users to create, edit, and manage personal blog posts.
- Built with MERN stack, integrated Redux Toolkit for state management, and Cloudinary for image uploads.

Project Hive (Portfolio Showcase App)   GitHub
- Created a MERN-based web app for showcasing user projects with external links and image previews.
- Implemented project uploads using Mongoose for schema design and MongoDB for persistence.

Media Player App (YouTube Video Organizer)   GitHub
- Built a React app that organizes YouTube videos by category using user-submitted URLs and modal playback.
- Integrated YouTube IFrame API and designed a responsive UI; backend handled with JSON Server.

Restaurant Website (Menu Browsing App)   GitHub
- Developed a restaurant menu app with category-based filtering and responsive layout using Bootstrap and Redux.
- Enhanced user experience with interactive UI built in React.js.

Experience

MERN Stack Intern, Luminar Technolab – Kochi, India   Nov 2024 – June 2025
- Built full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Built and secured RESTful APIs with JWT authentication and managed state using Redux Toolkit.
- Designed responsive UIs with React functional components and implemented routing with React Router.
- Handled database operations and schema design using Mongoose ORM.

Education

University of Mysore, Bachelor of Computer Application   Oct 2021 – June 2024
- Christ College, Mysore
- GPA: 8.5/10.0
- **Coursework:** Data Structures, Web Development, Database Systems, Object-Oriented Programming