Pavan Raj

MERN Stack Developer

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Summary

Web Developer with hands-on experience in **MERN stack development**, specializing in building **responsive, scalable, and high-performance web applications**. Skilled in designing intuitive user interfaces and developing robust backend systems that deliver seamless user experiences. Passionate about writing clean, maintainable code and adapting quickly to emerging technologies. Highly motivated to contribute effectively within collaborative and agile development teams.

Work Experience

Full Stack MERN Developer Intern — Synnefo Solutions, Kochi   Jul 2025 – Present

- Developed full-stack MERN applications in Agile/Scrum environments.
- Built secure RESTful APIs using Node.js and Express.js.
- Created responsive, reusable React.js components.
- Designed optimized MongoDB schemas for efficient data management.
- Collaborated with cross-functional teams on scalable web solutions.
- Contributed to feature development, bug fixes, testing, and deployments.

Skills

Frontend : HTML, CSS, Tailwind CSS, Bootstrap, React.js, Next.js
Backend : Node.js, Express.js, RESTful API Development
Databases : MongoDB, PostgreSQL, SQL
State Management : Redux, Redux Toolkit
Programming Languages : JavaScript, TypeScript, C (Basics)
Tools : Git, GitHub, Postman
Other : Responsive Web Design, MVC Architecture, API Integration

Projects

Double Barrel — E-Commerce Web Application   GitHub Repository

- Developed a MERN-based e-commerce application with React, Redux Toolkit, TypeScript, Node.js, Express, and MongoDB.
- Implemented JWT authentication with role-based access control.
- Built product, cart, and order management features.
- Integrated frontend and backend using RESTful APIs.
- Collaborated with team members using Git/GitHub for development and code reviews.

College Management System   GitHub Repository

- Developed a full-stack Student Management System for handling student records and academic processes.
- Implemented secure authentication with role-based access control.
- Designed a responsive user interface using React.js and Tailwind CSS.
- Built RESTful APIs using Node.js and Express.js.
- Utilized MongoDB for scalable and efficient data management.

My Portfolio

- Built a responsive portfolio using Next.js, TypeScript, and Tailwind CSS with scalable architecture.
- Developed reusable components and dynamic project showcases with GitHub integration.
- Applied TypeScript, client-side routing, and performance optimization best practices.

Education

MERN Stack Development Course (6 Months)	— Synnefo Solutions,Kochi	2025
Diploma In Computer Enginnering	— Model Polytechnic College Karunagappally	2022-2025