

# Pavan Raj

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## Summary

Web Developer with hands-on experience in MERN stack development, specializing in creating responsive and high-performance web applications. A fast learner with a strong passion for programming, adaptable to emerging technologies, and motivated to grow while contributing effectively within collaborative development teams.

## Education

<b>Synnefo Solutions</b> <i>MEARN Stack Developer (Committed)</i>	2025 – 2026
• Committed MERN Stack Developer with hands-on experience in building full-stack web applications using MongoDB, Express.js, React, and Node.js.	

<b>Model polytechnic College Karunagappally</b> <i>Computer Engineering Diploma</i>	2023 – 2025
• The Computer Engineering Diploma provides a strong foundation in computer systems, programming, and networking. • It equips students with practical skills for entry-level IT roles and further academic studies.	

## Experience

<b>Synnefo Solutions, Kochi, Kerala</b>	June 2025 - present
• Worked on full-stack MERN applications in an Agile/Scrum environment, collaborating with cross-functional teams to build scalable web solutions. • Developed secure and efficient RESTful APIs using Node.js and Express.js, ensuring seamless frontend-backend communication. • Built responsive and reusable React.js components and designed MongoDB schemas for efficient data management. • Contributed to feature enhancements, bug fixes, testing, and application deployments.	

## Projects

### Student Management Application

Developed a full-stack Student Management Application to efficiently manage student records and streamline academic workflows, implementing secure authentication and role-based access for administrators and students. Built a responsive and modern user interface using React.js and Tailwind CSS, and designed RESTful APIs with Node.js and Express.js to handle backend logic and data operations. Integrated MongoDB for efficient data storage and retrieval, with a strong focus on clean code practices, scalability, and performance optimization throughout the application.

### Shopping Cart Application

Developed a full-stack shopping cart application using React.js for the frontend, Tailwind CSS for responsive UI design, and Express.js for backend API management. The application allows users to browse products, add items to the cart, update quantities, and manage cart contents seamlessly while ensuring smooth communication between the frontend and backend. Built with a focus on responsive design, modern UI, and clean code practices to deliver an intuitive e-commerce experience.

## Skills

**MERN Stack:** MongoDB, Express.js, React.js, Node.js

**Frontend:** HTML, CSS, Bootstrap, Tailwind CSS, JavaScript

**Tools / VCS:** Git, GitHub