

ADARSH S

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PROFESSIONAL SUMMARY

Full-stack developer specializing in the **MERN stack** with experience building **responsive and scalable web applications**. Proficient in **React.js, Node.js, Express.js, and MongoDB**, with strong skills in authentication, RESTful API development, and user-friendly interfaces. Completed multiple full-stack projects and currently developing **e-commerce and real-time communication platforms** to expand expertise. Passionate about clean, maintainable code and delivering user-focused solutions.

TECHNICAL SKILLS

Frontend: React.js, JavaScript (ES6+), HTML, CSS, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, MySQL (basic)

Tools & Version Control: Git, GitHub, Postman

Authentication & Security: JWT, OAuth

Other Skills: API Integration, State Management, Responsive Design

PROJECTS

E-Commerce Platform (In Progress) | MERN, Stripe API, Tailwind CSS

- Developing a **multi-page e-commerce application** with user registration, authentication, and profile management.
- Implementing **shopping cart and checkout flows** with real-time price updates and discount handling.
- Integrating **Stripe/Razorpay** for secure payment processing and order confirmation.
- Designing an **Admin Dashboard** to manage products, categories, and customer orders.

- Structuring the backend with **Express.js REST APIs** and MongoDB for scalable data handling.

Real-Time Chat Application (In Progress) | React.js, Node.js, Socket.io, MongoDB

- Building a **real-time messaging platform** supporting one-to-one and group conversations.
- Implementing **Socket.io WebSockets** for instant communication, typing indicators, and online/offline status.
- Designing chat UI with **message timestamps, delivery status, and file upload support**.
- Ensuring data persistence with MongoDB for chat history and user profiles.
- Optimizing for cross-device responsiveness and planning deployment with Vercel + Render.

Health & Fitness Tracker (Completed) | MERN Stack, Tailwind CSS

- Developed a full-stack fitness management platform where users can **log workouts, track calories, and monitor progress over time**.
- Implemented **JWT-based authentication and role-based dashboards** for secure data access.
- Integrated third-party APIs to provide **personalized health and nutrition recommendations**.
- Designed **interactive progress visualizations (charts/graphs)** for a better user experience.
- Structured MongoDB database schemas for efficient data storage and retrieval, with input validation and error handling.
- Optimized front-end with **Tailwind CSS**, achieving ~25% faster load times on mobile.

EDUCATION

Bachelor of Computer Applications (BCA) – Kerala University (2021–2024)
MERN Stack Certification – Edure, Trivandrum (Jul 2024 – Dec 2025)