

MUHAMMAD PATEL - MERN Stack Developer

Vadodara, Gujarat, India | +91 89803 80280 | patelmuhammad192@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

MERN Stack Developer with hands-on experience building and deploying production-style web applications using React, Node.js, Express, MongoDB, and Firebase. Developed scalable REST APIs, secure authentication systems, and analytics dashboards across multiple real-world projects during internships and independent work. Proficient in testing, CI/CD pipelines, and cloud deployment. Seeking entry-level Full Stack / MERN opportunities to contribute immediately.

SKILLS

Languages: JavaScript (ES6+), HTML5, CSS3

Frontend: React.js, Hooks, Context API, Tailwind CSS, Responsive Design

Backend: Node.js, Express.js, REST APIs, Middleware, JWT Authentication, RBAC

Database: MongoDB, Mongoose, Firebase (Auth, Firestore, Hosting)

Testing: Jest, Supertest, Vitest, Unit & Integration Testing

DevOps & Tools: Git, GitHub, GitHub Actions (CI/CD), Postman, Vercel, Render.

EXPERIENCE

Full Stack Web Development Intern

Unified Mentor | Oct 2025 – Jan 2026

- Delivered production-ready web applications using JavaScript and Firebase
- Engineered role-based dashboards with real-time Firestore synchronization
- Implemented secure authentication, authorization guards, and structured data models
- Designed modular architecture improving scalability and maintainability
- Reduced data inconsistencies through real-time updates and validation logic

MERN Stack Web Development Intern

Grownited Pvt Ltd | Jan 2025 – Apr 2025

- Developed full-stack expense tracking system with secure CRUD operations
- Built protected REST APIs ensuring user-specific data isolation
- Designed responsive dashboards optimized for mobile usage
- Implemented automated testing with coverage reporting
- Created CI/CD workflow using GitHub Actions for deployment to Vercel and Render

PROJECTS

FinTrack – Personal Finance Management System

- Built production-style MERN application for tracking income, expenses, budgets, and reports
- Implemented secure authentication and private routes for user data protection
- Developed analytics dashboard with charts for financial insights
- Designed modular system for transactions, budgeting, and reporting
- Deployed frontend on Vercel and backend on Render

SkillHub – Online Learning Platform

- Architected platform for course discovery, enrollment, and progress tracking
- Designed scalable REST APIs using Node.js, Express, and MongoDB
- Implemented JWT authentication, role-based access control, and protected routes
- Built responsive UI using React Hooks and Tailwind CSS
- Integrated automated testing and CI/CD pipeline with GitHub Actions

Operation Scheduler System – Healthcare Web Application

- Developed scheduling system with Admin, Doctor, and Staff dashboards
- Implemented real-time updates using Firebase Firestore synchronization
- Designed conflict detection logic to prevent overlapping bookings
- Built role-based authentication for sensitive healthcare workflows
- Improved operational efficiency through centralized schedule management

EDUCATION

B.E. Computer Engineering – Gujarat Technological University (2021–2025)

CGPA: 8.39

CERTIFICATIONS

- Full Stack Web Development – Udemy (Jan 2025)
- SAP Certification – SAP Workshop (Apr 2024)

LANGUAGES

Hindi (Fluent) Gujarati (Fluent) English (Working Proficiency)