

Muhammed Roshan Vp

FULL STACK WEB DEVELOPER (MERN STACK)

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[Portfolio](#)

[Leetcode](#)

Full Stack Developer with hands-on experience building scalable MERN stack applications. Currently working as Lead Backend Developer on a UAE-based project at a service-based company. Previously completed freelance projects using React.js and Tailwind CSS, delivering responsive, high-performing UIs. Graduated from a full-stack bootcamp at Brototype and now pursuing a BCA at Manipal University to deepen my technical foundation.

SKILLS

- Frontend Development:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Redux Toolkit, Tailwind CSS, Bootstrap, Embedded JavaScript (EJS)
- Backend Development:** Node.js, Express.js, TypeScript, JavaScript, MVC Architecture, Repository Pattern
- Database:** MongoDB, PostgreSQL
- Libraries & Integrations:** REST API, Axios, Stripe, Razorpay, Firebase, JWT (JSON Web Token), Nodemailer, Multer, Chart.js, Socket.io, Google OAuth
- Tools:** Git, GitHub, Postman, Insomnia, Figma
- Deployment & Hosting:** Vercel, AWS EC2, Render, Nginx, S3 Bucket, Route 53

EXPERIENCE

Backend Developer | 03/2025 - Current

Flyseosys Digital Solutions - Malappuram (remote)

- Collaborated with a research team to study the synthesis of novel organic compounds
- Conducted experiments using chromatography, spectroscopy, and other analytical techniques
- Analyzed and interpreted data, contributing to a research paper submitted for publication

Front End Developer | 11/2024 - 03/2025

Freelance (Remote)

- Built responsive UIs using React.js, Tailwind CSS, and TypeScript for client projects.
- Integrated REST APIs to render dynamic content and improve UX.
- Translated Figma designs into functional, production-ready interfaces.
- Used Redux Toolkit for efficient state management.
- Improved page performance, loading speed, and SEO responsiveness.

Full Stack Developer Intern | 05/2023 - 09/2024

Brototype - Kozhikode

- Built and deployed two full-stack apps: PaintCont (booking) and PaintCont-Shop (e-commerce).
- Used React, TypeScript, Redux, and Tailwind for responsive frontend development.
- Developed secure REST APIs with Node.js, Express, JWT, and MVC structure.
- Integrated Stripe, Razorpay, Firebase, and Socket.io for real-time and payment features.
- Deployed on AWS EC2, Vercel, and Render with Nginx for scalability.

PROJECTS

PaintCont – Social Booking Application

Stack : React.js, Node.js, Express.js, MongoDB, Socket.io, Stripe, JWT

- Developed a full-stack MERN platform that connects clients with wall painters.
- Implemented real-time slot booking and chat functionality using Socket.io.
- Integrated Stripe for secure payments and JWT for user authentication with role-based access.
- Added hashtag-based content filtering to improve search UX.
- Deployed frontend on Vercel and backend on AWS EC2 with Nginx for scalable hosting.

PaintCont Store – E-Commerce Platform

Stack : Node.js, Express.js, MongoDB, EJS, Razorpay, Multer, Nodemailer

- Built an admin-driven e-commerce site for paint products with product, coupon, and banner management.
- Integrated OTP-based login via Nodemailer and Razorpay for secure checkout.
- Enabled secure image uploads using Multer.
- Followed MVC architecture, deployed backend on AWS EC2 with Nginx.

Peshiyo – Freelance Fragrance Store (Frontend)

Stack : React.js, Tailwind CSS, Axios, Vercel

- Delivered a custom-designed frontend for a fragrance brand using React.js and Tailwind CSS.
- Built responsive product listings, cart functionality, and checkout UI.
- Integrated backend APIs for live product data.
- Deployed on Vercel for fast performance and global delivery.

Mini Projects

Built multiple frontend and backend mini projects to strengthen core development skills

- Number Guessing Game – JavaScript game with score tracking.
- Advice Generator – React app fetching advice from a public API.
- Tindog Clone – Static landing page with HTML, CSS, and Bootstrap.
- Kinely / Swiggy / OLX Clones – UI practice projects for layout and responsiveness.
- To-Do App – React-based CRUD task manager with local state.
- Clock App – Focus timer app using React hooks.
- Portfolio Website – Developer portfolio with project showcase and contact form.
- Netflix Clone – React app with API-driven movie listings and UI interactions.
- User Management App – Full-stack CRUD with login, roles, and protected routes.
- Blog API – Secure backend using Node.js, Express.js, and JWT authentication.

EDUCATION

- **Bachelor of Computer Application | Expected in 06/2028**

Manipal University, Jaipur (Online)

- **Higher Secondary – Computer Science (Mar 2022)**

MHSS Vatakara, Calicut