

MUHAMMED RISWAN

MERN STACK DEVELOPER

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SUMMARY

Forward-thinking MERN Stack Developer with hands-on experience building scalable web applications using React.js, Node.js, Express.js, and MongoDB. Strong foundation in REST APIs, authentication, clean architecture, and cloud deployments. Proven ability to deliver performance-optimized features, reduce API latency, and collaborate across teams. Passionate about solving real-world problems, writing clean code, and continuously learning modern technologies.

EXPERIENCE

Software Developer, [Tackl LLP](#), Kozhikode

July 2025 - Sep 2025

- Developed and optimized **RESTful APIs** using Node.js, Express.js, and MongoDB, improving response time by **25%**.
- Built scalable admin modules for user, agent, order, and booking management.
- Implemented **JWT authentication**, ensuring secure and role-based access across the platform.
- Collaborated with frontend teams to improve API integration speed and reduce defects by **15%**.
- Improved backend performance using indexing, request validation, and caching strategies.

TECHNICAL SKILLS

- **Frontend** : React.js, Next.js, Redux, Tailwind CSS, HTML5, CSS3, Bootstrap
- **Backend**: Node.js, Express.js, REST API development
- **Database**: MongoDB, PostgreSQL
- **Tools & DevOps**: Git, GitHub, Postman, Figma, AWS (EC2, Route 53, Amplify), Nginx
- **Core Knowledge**: DSA, OOP, MVC, Clean Architecture, Authentication, Responsive UI
- **Integrations**: Cloudinary, Razorpay, Socket.IO

PROJECTS

Heaven Finder - Travel Package Management System

[🔗 Live Link](#) | [🐙 Github](#)

Next.js | Redux | MongoDB | TypeScript | Tailwind | Socket.IO | AWS

- Designed a full travel package ecosystem with **booking, cancellation, wallet payments, reviews, chats, and admin automation**.
- Built a real-time **chat system** using Socket.IO, boosting user engagement. .
- Implemented secure payments using **Razorpay** and optimized API structure by adopting Clean Architecture.
- Developed an admin dashboard supporting user/agent management and analytical reports.
- Ensure scalability and performance with **Clean Architecture**.

NextTick - E-Commerce Application(Watches)

[Live Link](#) | [Github](#)

Node.js | Express.js | MongoDB | EJS | AWS EC2

- Built an admin dashboard for products, orders, coupons, and sales reports using **MVC architecture**.
- Integrated **OTP login**, JWT auth, and secure payment gateway (Razorpay).
- Deployed on AWS EC2 and Nginx to reduce page load time and increase stability.

MINI PROJECTS

Quiz Application - SSR-based Quiz Platform

[Github](#)

Next.js | API Routes | SSR

- Implemented scalable REST APIs for dynamic question retrieval and user interaction.
- Improved performance with SSR and optimized routing.

Inventory Application

[Github](#)

React.js | Node.js | MongoDB | AWS

- Developed real-time stock tracking system with JWT-secured authentication.
- Built dashboards for product movement and inventory health.

Article Management Platform

[Github](#)

Next.js | Node.js | MongoDB | AWS

- Built article creation, editing, previewing, and review interactions.
- Enabled like/dislike system and responsive UI.

OLX Clone Application

[Github](#)

React.js | Node.js | MongoDB

- Implemented login, product posting, listing management, and state handling with Context API.
- Allowed users to add, view, and manage product listings.
- Used Context API for state handling and improved performance.

EDUCATION

MERN Stack, Brototype

2024 - 2025

Kochi

Bachelor of Computer Applications (BCA), University of Calicut

2022

JDT Islam Arts And Science, Vellimadukunnu