MUHAMMED RISWAN

MERN STACK DEVELOPER

Kozhikode, Kerala | **Email:**mhdrizwanpkd@gmail.com | **Phone:**91 8129978459 |

Linked In: Linkedin/muhammedrizwan | **Github:**Github/MuhammedRizwan |

Website: www.riswan.space

SUMMARY

MERN Stack Developer with hands-on experience designing and building scalable web applications using React.js, Next.js, Node.js, Express.js, and MongoDB. Strong expertise in RESTful API development, authentication, clean architecture, and cloud deployment on AWS. Proven ability to improve backend performance, reduce API response time, and collaborate with cross-functional teams. Passionate about writing clean, maintainable code and delivering production-ready solutions.

EXPERIENCE

Software Developer, **Tackl LLP**, Kozhikode   July 2025 - Sep 2025

- Designed and developed RESTful APIs using Node.js, Express.js, and MongoDB, improving API response time by approximately 25%.

- Built scalable backend modules for user management, agent management, orders, and bookings.

- Implemented JWT-based authentication with role-based access control to ensure secure application workflows.

- Optimized database queries using indexing and schema improvements to enhance performance.

- Collaborated with frontend developers to streamline API integrations, reducing defects by 15%.

- Applied request validation, caching strategies, and clean architecture principles to improve maintainability and scalability.

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

- Developed a full-scale travel management platform including booking, cancellation, wallet payments, reviews, and real-time chat.

- Implemented real-time messaging using Socket.IO to enhance user engagement.

- Integrated Razorpay payment gateway with secure transaction handling.

- Designed an admin dashboard for managing users, agents, packages, and analytical reports.

- Applied clean architecture principles to ensure scalability, maintainability, and performance.

NextTick - E-Commerce Application(Watches)   Live Link | Github

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

- Built an admin dashboard to manage products, orders, coupons, and sales reports using MVC architecture.

- Implemented OTP-based login and JWT authentication for secure access.

- Integrated Razorpay payment gateway for online transactions.

- Deployed the application on AWS EC2 with Nginx, improving stability and reducing page load time.

MINI PROJECTS

Quiz Application - SSR-based Quiz Platform   Live Link | Github

Next.js | API Routes | SSR

- Developed RESTful APIs for quiz creation, question retrieval, and user responses using Next.js API routes.

- Implemented server-side rendering (SSR) to improve performance and SEO.

- Optimized routing and state handling to support scalable user interactions.

Inventory Application   Github

React.js | Node.js | MongoDB | AWS

- Built a real-time inventory tracking system using React.js, Node.js, and MongoDB.

- Implemented JWT-based authentication to secure inventory operations.

- Designed dashboards to monitor stock movement and inventory health.

Article Management Platform   Github

Next.js |Node.js | MongoDB | AWS

- Developed features for article creation, editing, previewing, and content management.

- Implemented like and dislike functionality with secure backend APIs.

- Built a responsive user interface optimized for multiple devices.

OLX Clone Application   Github

React.js | Node.js | MongoDB

- Implemented user authentication, product listing, and product management features.

- Optimized application performance and data flow across components.

EDUCATION

MERN Stack, Brototype   2024 - 2025
Kochi

Bachelor of Computer Applications (BCA), University of Calicut   2022
JDT Islam Arts And Science, Vellimadukunnu