




MUHAMMED RASHID T

MERN Stack Developer

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PROFILE SUMMARY

Skilled **MERN Stack Developer** with expertise in **React.js** and **Node.js**. Proven ability to collaborate effectively in teams, leveraging **MongoDB** for scalable applications. Dedicated to innovation, adaptability, and continuous learning in dynamic environments.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, C

Frontend: React.js, Single SPA, Vite, HTML, Redux, Tailwind CSS, Bootstrap, Handlebars (HBS), EJS, jQuery

Backend: Node.js, Express, NestJs, Type ORM, RESTful API, Microservices, CLEAN Architecture, MVC, gRPC, RabbitMQ

Infrastructure: Docker, Kubernetes, CI/CD, Data Structures, Jest, NPM, Nginx, PM2, CloudFront, Load Balancing

Databases: MongoDB, MySQL, PostgreSQL, Firestore, S3 Bucket (AWS), NoSQL

Integrations: Google Maps, Mapbox, Stripe, Razorpay, Multer, Socket.IO, JWT, Nodemailer, Firebase, Google APIs

Deployment: EC2(AWS), GitHub Actions, Route 53(AWS), SSL, Droplets (Digital Ocean)

Developer Tools: VS Code, GitHub, Postman, Swagger, Figma

PROFESSIONAL EXPERIENCE

Backend Developer | CRM Ecosystem for ITW Consulting at The Alter Office

Sep 2024 - Dec 2024

Developed a CRM ecosystem bridging high-profile events like IPL, ICC World Cup, Koffee with Karan, and Bigg Boss with brands for selling event inventories (ads, sponsorships).

- Designed and developed backend infrastructure using **Node.js** and **Express**, with **TypeORM** and **MySQL** for scalable database management and efficient handling of event and brand data.
- Built **RESTful APIs** to manage inventories, brand campaigns, and transactions, and implemented **Role-Based Access Control (RBAC)** for secure and granular user permissions.
- Integrated **Firebase Cloud Messaging (FCM)** for real-time notifications to keep stakeholders updated on campaign status and inventory availability.
- Automated key tasks using **Cron Jobs**, optimized system performance for high-traffic events, and ensured efficient deployment to production with thorough testing and debugging.
- Technologies Used:** Node.js, Express, TypeORM, MySQL, Firebase Cloud Messaging (FCM), Role-Based Access Control (RBAC), Cron Jobs, Jest, Swagger API, S3 Bucket, Migrations.

PROJECTS

GO-Cab | Cab Booking Service

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

Developed a real-time cab booking service using microservices in a clean architecture. Deployed the solution on Docker and Kubernetes, ensuring scalability and reliability. Integrated CI/CD pipelines for automated deployment and continuous improvement.

- Developed a cab booking service with search, secure booking, and real-time tracking using **Google Maps** and **Mapbox** for location services.
- Facilitated real-time broadcasts with chat integration using **Socket.IO**.
- Implemented **Nodemailer**, **Firebase**, and **JWT** for secure authorization and authentication along with live photo capture for user verification.

- Integrated **Google OAuth** for seamless login functionality.
- Utilized **Stripe** and **Razorpay** for secure payment transactions.
- Developed secure admin and driver dashboards with **React**, **Tailwind CSS**, and **SASS** for efficient operations.
- Utilized **TypeScript** for type safety and **Redux Toolkit** for state management.
- Built scalable **microservices** with **RabbitMQ** and **gRPC** for efficient communication.
- Managed deployments using **Kubernetes** and **Docker**, and implemented **CI/CD** pipelines with **GitHub Actions** for seamless application updates.
- Utilized **Digital Ocean Droplet**, **AWS EC2**, **S3**, and **CloudFront** for scalable, secure cloud solutions with **Load Balancer**.
- **Technologies Used:** React, Express.js, Node.js, MongoDB, Google Maps, Mapbox, Stripe, Razorpay, Google Auth, Tailwind CSS, Redux, gRPC, RabbitMQ, REST, AWS, Digital Ocean, Route53, EC2, CloudFront, Socket.IO, JWT, Nodemailer, Load Balancer, Docker, Kubernetes, CI/CD.

Village-Furni | E-commerce Web App

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

Developed an e-commerce platform for rustic furniture, powered by Node.js, Express.js, and MongoDB for seamless backend operations.Integrated EJS, CSS, and JavaScript for a sleek, responsive frontend. Deployed on AWS with Nginx for scalability and reliability.

- Built a comprehensive furniture shopping platform using **EJS**, **Express**, **Node.js**, and **MongoDB**.
- Implemented digital wallets, coupon systems, and item cancellation features for enhanced user flexibility and transaction management.
- Integrated **Razorpay** for secure payment transactions, incorporating robust payment processing capabilities into the platform.
- Developed feedback and rating systems to gather user insights and improve service quality.
- Employed email verification using **Nodemailer** and seamless image uploads with **Multer**, enhancing functionality and user interaction.
- Deployed the application on **AWS**, ensuring scalability and reliability, with **NGINX** for high-performance web server delivery.
- Developed referral programs with monetary rewards, product offers, and essential e-commerce features to enhance user experience and drive customer engagement.
- **Technologies Used:** EJS, MongoDB, Express.js, Node.js, Razorpay, CSS, REST, AWS (Route53, EC2), Nodemailer, NGINX.

EDUCATION	
MERN Stack Development Brototype, Bangalore	2023 - 2024
Bachelor of Business Administration Cochin Arts And Science College, Manakkakadav, Kerala MG University, Kottayam	2020 - 2022
Higher Secondary – PKMHSS Kadavathur Kannur, Kerala	2018 - 2020

LANGUAGES	
English Malayalam Tamil Kannada Hindi	