

Muhammad Sufiyan S M

Full Stack Developer

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PROFILE SUMMARY

MERN-Stack Developer with a successful track record in individual and team environments. Delivers high quality results within tight deadlines. Quick learner of new technologies. Seeking a challenging role to develop skills and contribute to organizational goals.

TECHNICAL SKILLS

- **Front-end Development:** React.js, Tailwind CSS, Bootstrap, Html, CSS.
- **Back-end Development:** Microservices Architecture, Node.js, Express.js, Nest.js, HBS (Handlebars) .
- **Database:** MongoDB , Sql
- **Deployment:** GitHub Actions, Docker, Ingress-NGINX, AWS EC2, S3 Bucket.
- **Design:** Figma, Adobe Photoshop.
- **Data structures:** Linked List, Searching, Sorting, Stack, Queue, HashMap, Tree, Trie, Graph

EXPERIENCE



Riolabz - Junior Full Stack Developer (April 2023 – Ongoing)

Kerala, India

- **Managing Backend:** Utilizing Nest.js, Node.js, and MongoDB to manage backend operations.
- **Code Optimization:** Responsible for optimizing and enhancing the codebase to improve API performance and response times.
- **Code Reviews:** Performed thorough code reviews to ensure adherence to coding standards, best practices, and maintainability.
- **API Testing:** Conducted comprehensive API testing to verify functionality, security, and performance.
- **Server Management:** Managed server configurations, including code deployment, environment setup, and version control operations such as pull and push. Proactively identified and resolved server issues, ensuring optimal performance and reliability.

PROJECTS

RENTIT - Rental Website :

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

- **Frontend Development:** Developed a showcase platform for users to display and rent products, using **React**, **Redux**, and **Redux-Toolkit** for front-end development.

- **Backend Development:** Built clean architecture with **TypeScript**, **Node.js**, **Express**, and **MongoDB** for efficient backend development.
- **Modular Structure:** Designed modular application structure with **Material UI** for admin and **Tailwind CSS** for client.
- **Real-Time Features:** Implemented real-time chat using **Socket.io** and calling feature with **WebRTC** for enhanced communication.

Technology used: Node.js | Express.js | React.js | Redux | MongoDB || Tailwind CSS | Material UI| CI/CD | GitHub Actions | Digital Ocean | S3 Bucket | Socket.IO

E-Commerce Application:

[GitHub](#)

- Integrated payment gateways of **PayPal** and **Razorpay**, and **Twilio** for OTP verification.
- Designed a wallet, offers, and coupons system to incentivize purchases and increase customer loyalty.
- Implemented a custom admin panel with product, user, and category management, and created sales reports, charts, and graphs for monitoring business performance.
- Successfully deployed the application on **AWS EC2** and **Route 53** with a load balancer for improved scalability and reliability.

Technology used: Node.js | Express.js | MongoDB Atlas | HBS | AWS (R53 and EC2) | NGINX | Figma

MINI PROJECTS

Blog App - Microservices:

[GitHub](#)

- Implemented fundamentals of **microservices architecture**. Custom message broker using Axios that establishes communication between services.
- Containerized using **Docker** and **orchestrated** using Kubernetes locally.

OLX Clone:

[GitHub](#)

- Implemented user authentication and authorization and storage using **Firebase**.
- Facilitates users to create, edit, and delete listings of respective advertisements.

Netflix Clone:

[GitHub](#)

- Utilized The Movie Database (TMDB) API to display movie and TV show information.
- Created a search feature that facilitates movie search based on keywords.

EDUCATIONAL QUALIFICATION

- **MERN Stack Development (2022 – 2023)** Brototype, Kochi.
- **B.SC - Computer Science (2019 – 2022)** Kannur University.