

SIYAD MUHSIN K

MERN Stack Developer

 +91 9947774065 |  siyadsm4065@gmail.com |  LinkedIn |  GitHub |  LeetCode

Profile Summary

Results-driven Full Stack Developer with expertise in the **MERN stack**, passionate about designing robust, high-performing applications that enhance efficiency and drive innovation. Proficient in **JavaScript**, leveraging strong analytical and problem-solving skills to craft seamless, user-centric solutions. Self-taught and highly adaptable, committed to delivering impactful contributions to forward-thinking teams in **web development**.

Skills

Programming Languages: JavaScript, TypeScript

Backend: Node.js, Express.js, RESTful APIs, Repository Architecture, MVC Architecture, Schema Design

Frontend: React, Redux, WebSocket, Tailwind CSS, Bootstrap, shadcn, Material Tailwind, HTML, CSS, EJS

Database: MongoDB, PostgreSQL

Tools: Git, GitHub, Docker, Postman, Thunder Client, VS Code, Figma, CodeSandbox

Expertise in: Data Structures & Algorithms

Other: AWS, CI/CD, Socket.IO, NGINX, Firebase

Projects

ServiceHub - Online Service Booking Platform

[LINK](#) | [GitHub](#)

Built a platform connecting users with skilled experts for home and professional services, featuring role-based access control and location-based expert matching. Implemented a subscription model for experts and real-time chat functionality for seamless communication. Ensured scalability and maintainability using Repository Architecture with Inversify for efficient system design.

Key Features:

- Role-based access control for users, experts, and admins with secure JWT and Google Auth integration.
- User-to-expert transition system requiring certificate submission and admin approval for verification.
- Subscription-based revenue model for experts using Stripe for secure payment integration.
- Real-time chat between users and available experts, implemented with Socket.IO for efficient communication.
- Location-based expert matching within a specific distance using OpenCage Geocoding API.
- Scalable and maintainable codebase with Repository Architecture, Inversify, and SOLID principles for dependency injection and clean architecture.

Technologies Used: Node.js, Express.js, React, MongoDB, HTML, CSS, Bootstrap, JavaScript, Socket.IO, OpenCage Geocoding API, Inversify, Stripe, JWT, Google Auth

Fruitables E-commerce

[LINK](#) | [GitHub](#)

Developed an e-commerce platform for online sale of fresh fruits and vegetables, enabling customers to order produce and shop owners to manage orders digitally. Implemented user features like product browsing, cart, wishlist, and order tracking, with a 24-hour return policy for perishable items. Built an admin module for product management, order processing, sales reporting, and return/refund approvals, using MVC architecture for maintainability.

Key Features:

- Online ordering system to eliminate dependency on phone calls, with a user-friendly interface for product browsing, cart, and wishlist.
 - Secure payment options including Razorpay and Cash on Delivery, with a 24-hour return policy for perishable items.
 - Admin panel for managing products, orders, user requests, and generating daily/weekly/monthly sales reports.
 - Authentication using Sessions, password hashing with bcrypt, and image uploads with Multer and Cloudinary.
- Technologies Used:* Node.js, Express.js, MongoDB, EJS, Bootstrap, JavaScript, Razorpay, Multer, bcrypt, Sessions, Axios, Cloudinary, NGINX, Google OAuth, Passport.js, MVC Architecture
-

Mini Projects

User Management System

[GitHub](#)

Developed a system for efficient administration of user accounts, enabling admins to block or unblock users for secure access control. Implemented user features for profile image uploads and secure authentication for verification and access management.

Technologies Used: React.js, JavaScript (TSX), Node.js, Express.js

URL Shortener (MERN Stack)

[LINK](#) | [GitHub](#)

Developed a full-stack URL shortening application with user authentication. Users can register, log in, and manage their own shortened URLs. Implemented secure JWT-based authentication, and deployed the backend using Docker on AWS EC2 with NGINX reverse proxy for production-level hosting.

Technologies Used: React.js, JavaScript (TSX), Node.js, Express.js

Blog Management Platform

[LINK](#) | [GitHub](#)

Developed a secure and efficient blog management system with user authentication and authorization using JWT. The platform allows users to create, read, update, and delete blog posts with support for image uploads. Ensured that only authenticated users can manage their own content, with validations for data integrity and structured error handling.

Technologies Used: Node.js(TypeScript),React(TSX), Express.js, MongoDB, JWT, Multer,Cloudnary

Education

MERN Stack Development

Brototype, Calicut 2024 – Present

Diploma in Lift and Escalator Mechanic

Govt ITI Areacode, Malappuram 2020 – 2022

Higher Secondary Education

CHMHSS Pookolathur, Malappuram 2018 – 2020
