MOHAMMED ANSAL

MERN Stack Developer

+91 8848459643 | ansalshaah786@gmail.com | LinkedIn | GitHub | Leetcode

PROFILE SUMMARY

Self-taught Full Stack Developer with hands-on expertise in the MERN stack. Skilled in building scalable, maintainable web applications using modern JavaScript frameworks. Strong in problem solving, clean coding practices, and collaboration within agile development teams. Interested in contributing to innovative, growth-focused environments.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript

Front-End Development: React.js, Redux, Next.js, Tailwind CSS, Bootstrap, Shadcn, HTML, CSS, WebSocket

Back-End Development: Node.js, Express.js, RESTful APIs, Socket.io, Repository Pattern, Monolithic & MVC Architecture, Schema Design

Database: MongoDB, PostgreSQL, Firebase

Dev Tools and Platforms: Git, GitHub, Docker, Postman, Thunder Client, VS Code, Figma, Code Planner

Web Server & Proxy: Nginx

Cloud and Storage: AWS, S3 Bucket Integration , EC2

Expertise in: JavaScript, Data Structures & Algorithms

Familiar with: Microservices, Kubernetes, KafkaJS, C, Java,

PROJECTS

MySpace - Hostel Management System   Live Link | GitHub

Built a full-featured web application to streamline hostel room management for students and IT park employees. Users can explore and book hostel rooms based on availability, while providers can list and manage their accommodations. The platform includes facilities such as food, cleaning, and laundry, with dedicated dashboards for users, providers, and administrators.

- Users can **book and cancel** hostel rooms, with automatic **refunds credited to their wallet** if canceled before the check-in date.
- Integrated **Leaflet.js** to visually display hostel locations on an interactive map.
- Offers additional services including **food**, **cleaning**, and **laundry**, enhancing the experience of the hostel.
- Includes real-time chat between users and providers, along with separate dashboards for users, providers, and administrators.
- Key features include: secure OTP-based authentication, wallet system, rent reminders, and profile management.
- Technologies Used: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, S3, Leaflet.js, Socket.IO, JWT, Nodemailer, Repository Pattern, Docker, Cron Job, GitHub.

Urban – E-Commerce Platform for Modern Sneakers   Live Link | GitHub

Developed a full-stack e-Commerce platform focused on modern sneakers, following the MVC (Model-View-Controller) architecture for clean and maintainable code. The application offers a seamless shopping experience with secure authentication, efficient payment integration, and a responsive UI tailored for dynamic user interaction.

- Implemented secure authentication and integrated **Razorpay** for efficient payment processing.
- Developed a fully functional **admin dashboard** to manage users, products, categories, offers, and order workflows.
- Key features include: **wallet-based transactions**, **coupon systems**, **cart and order management**, product filtering, and dynamic UI components for a seamless shopping experience.

- **Technologies Used:** Node.js, Express.js, MongoDB, Razorpay, React.js, Tailwind CSS, Nodemailer, JWT, EJS, Axios, jQuery, PDFMake, Monolithic MVC Architecture, AWS, EC2, Nginx, PM2, GitHub, Multer [2mm]

MINI PROJECTS

QuizApp – Interactive Quiz Application [Live Link](#) | [GitHub](#)

Build an interactive quiz application using Next.js featuring a clean and responsive UI, a full-screen quiz mode, and a dynamic question set. Users can select answers, view scores instantly, and enjoy a smooth test-taking experience. This project helped solidify my understanding of client-server rendering and UI state management in Next.js.

ReadStack – Article Publishing & Reading Platform [Live Link](#) | [GitHub](#)

Developed a full-stack article publishing platform focused on personalized content discovery and clean user experience. The application enables users to sign up with email verification, securely log in, and access protected routes. Users can create rich-text articles with featured image uploads, edit or delete their own articles, and interact with content through likes, dislikes, and blocking. The feed is dynamically personalized based on user-selected preferences, prioritizing relevant articles. Integrated Cloudinary for optimized image storage and implemented scalable backend APIs for content management.

Shortify Auth – Authenticated URL Shortening Platform [Live Link](#) | [GitHub](#)

Developed a secure and scalable URL shortening application with authentication and user-specific link management. The system allows users to register, log in, shorten URLs, and manage their shortened links through a clean and responsive user interface.

ToDoList – Task Manager Application [GitHub](#)

A simple yet efficient To-Do list application developed using React. The app allows users to add, edit, delete, and mark tasks as completed. It uses local storage to ensure task persistence even after browser refresh or close. This project strengthened my understanding of state management and component design in React.

Netflix UI Clone [GitHub](#)

A sleek Netflix UI clone developed using React, replicating the visual design and layout of the popular streaming platform's homepage interface.

OLX Clone [GitHub](#)

A functional OLX clone built with React, featuring Firebase Authentication for secure user login and Firebase Storage for product image uploads. Registered users can list products for sale and manage their listings.

EDUCATION

MERN Stack Development

Brototype, Calicut   **2023 - 2025**