Peer Mohammad

MERN Stack Developer

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Profile Summary

A dedicated and passionate MERN Stack Developer with expertise in JavaScript, React.js, Node.js, Express.js, and MongoDB. Known for writing clean, maintainable code and continuously striving for growth and learning. Thrives in innovative environments and excels at building dynamic, modern web applications that deliver impactful user experiences. Adept at working in collaborative teams and tackling complex challenges with a focus on delivering high-quality solutions. Motivated to contribute technical expertise to forward-thinking projects and cutting-edge development.

Technical Skills

- **Programming Languages:** JavaScript, TypeScript, SQL

- **Frontend Technologies:** React.js, Redux, Tailwind CSS, Bootstrap

- **Backend Technologies:** Node.js, Express.js, MongoDB, PostgreSQL, MVC and Clean Architecture, Cron Jobs

- **DevOps and Deployment:** Docker, AWS (EC2, S3), Nginx, Vercel

- **Tools and Libraries:** Git, GitHub, Postman, Multer, Nodemailer, Figma, OAuth, Socket.IO, Stripe, Razorpay, Cloudinary, ZEGOCLOUD, Mapbox API, Firebase

- **Integrations:** JWT (JSON Web Tokens), RESTful API

- **Familiar With:** Data Structures and Algorithms

Projects

Dream Buy - Real Estate Application   ⬈ Live Link — GitHub — ⭘ Frontend — ⭘ Backend
Developed a responsive, full-featured real estate platform enabling users to buy, sell, and rent properties, including apartments, houses, and workspaces. The application provides advanced search filters, location-based suggestions, and integrated communication tools for a seamless user experience.

- Implemented real-time chat using **Socket.io** and video call functionality via **ZegoCloud** to facilitate direct communication between users and property owners.

- Developed location-based search and filtering features with **Mapbox API**, allowing users to find properties efficiently.

- Integrated **Stripe** for secure payment processing of premium subscriptions.

- Designed an interactive map view to provide detailed location insights for properties.

- Created an AI-powered chatbot using the **Gemini API** to assist users with application-related queries.

- Enabled users to save their favorite properties to a wishlist and obtain owner details via email.

- Implemented Google login using **Google OAuth** for seamless user authentication.

- Built the platform with a responsive design using **Material-UI (MUI)**, ensuring a modern and user-friendly interface.

- Followed **Clean Architecture** principles and used **TypeScript** for maintainable and type-safe code.

- Developed the application using the **MERN stack** (MongoDB, Express, React, Node.js) for robust performance.

- Managed application state efficiently with **Redux**.

Klassic Empire Furniture (KEF)   ⌇ Live Link — ⍉ GitHub

An innovative furniture e-commerce platform delivering a premium shopping experience with advanced features. Built with Node.js, MongoDB, and EJS using MVC architecture, hosted on AWS and version-controlled with GitHub.

- Implemented online payments via **Razorpay**, cash on delivery, and a wallet system.

- Added features such as offers, referral and rewards programs, banners, coupons, and a wishlist to enhance user experience.

- Enabled property zoom, OTP verification with **Nodemailer**, and robust cart logic.

- Developed a comprehensive admin dashboard with features for user management, product management, coupon management, and category management.

- Developed graphical insights, including invoice downloads and return management.

- Utilized **Cloudinary** for media management and **Multer** for file uploads.

- Implemented search filters and sorting options to enhance user navigation.

Mini Projects

Snap Gallery   GitHub — ⍉ Frontend — ⍉ Backend

- Image Management: Upload, edit, delete, and rearrange images.

- Drag and Drop: Implemented with **DND Kit** for reordering images.

Blog Management System   GitHub — ⍉ Frontend — ⍉ Backend

- Blog Management: Create, edit, and delete blogs.

- JWT Authentication: Secure authentication and authorization.

- State Management: Used **Redux** for state handling.

MERN User Management System (UMS)   ⍉ GitHub

- User Authentication: Integrated secure authentication.

- Admin Dashboard: Manage users, view, edit, and delete users.

Netflix Clone   ⍉ GitHub

- Firebase Authentication: User login and registration.

- Wishlist Feature: Add movies to wishlist using **TMDB API**.

Education

MERN Stack Development   2023 – Present
Brototype, Calicut

Higher Secondary (Biology Science)   2022– 2024
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