MOHAMMED SINAN MP
MERN STACK DEVELOPER

📞 +91 7736930520   ✉ sinan.m.p333@gmail.com   in LinkedIn   ⚲ GitHub

PROFILE SUMMARY

Self-taught MERN stack developer seeking a challenging position to leverage skills and expertise in developing innovative web applications. With a solid foundation in **HTML, CSS, JavaScript, React, Node.js, Express.js and MongoDB,** equipped to deliver robust and user-friendly solutions. Committed to staying up-to-date with industry trends, ready to contribute to the success of an organization by creating exceptional web experiences.

TECHNICAL SKILLS

- **Front-End:** HTML, CSS, Tailwind CSS, React, Redux
- **Back-End:** Node.js, Express, REST API, TypeScript, JavaScript , MVC, Repository Pattern
- **Database:** MongoDB, MySQL
- **Tools:** Git, GitHub, Postman, Figma
- **Testing:** Jest
- **Familiar with:** Data Structure, AWS EC2, Route53, S3 Bucket, Vercel, Hostinger, Axios, Nginx
- **Integrations:** Stripe, Razorpay, Firebase, TMDB, JSON Web Tokens (JWT), Google OAuth 2.0, Nodemailer, Cloudinary, Socket.IO, ZEGOCLOUD

PROJECTS

Mediheal   Live | GitHub - Frontend | Backend
Hospital Management and Booking Application

- Mediheal is a comprehensive hospital management and booking application featuring distinct modules for users, doctors and admin. Users are empowered to securely login, manage their accounts, book appointments and engage in direct communication with healthcare professionals via chat and video calls.
- Implemented robust signup and login with **OAuth** and **OTP verification**.
- Utilized **JWT(JSON Web Token)** for session management and **Refresh Tokens** for continuous access and enhanced security.
- Designed and implemented personalized account pages for users, which include features such as wallet management for easy transaction handling, a comprehensive booking history to track past and upcoming appointments and detailed profile management to ensure accurate and up-to-date personal information.
- Users can book doctor appointments with online payments via **Stripe**.
- Real-time chat and video calls between doctors and patients using **Socket.IO** and **ZEGOCLOUD**.
- Implemented image upload functionality using **Cloudinary** for efficient storage.
- Developed backend code following the **Repository Pattern**, ensuring scalable and maintainable architecture.
- Personalized dashboards provided for doctors and admin, enabling efficient management of accounts and activities.
- Doctors can efficiently view and manage patient details, review appointment histories and issue prescriptions directly within the application.
- Admins can add new doctors to the system, manage user accounts, oversee bed space allocations and maintain comprehensive oversight of hospital operations for streamlined management.

Fashion Arclight   Live | GitHub
E-commerce Website

- Developed an e-commerce platform specializing in men's wear with user and admin modules.
- Users can manage accounts, orders, wallets and utilize features such as wishlist, cart, search and filters.
- Implemented purchase options featuring offers and coupons, with added functionality for users to leave reviews about products after making purchases.
- Implemented user authentication using **Nodemailer** for email verification.

- Implemented **RESTful APIs** for seamless communication between frontend and backend.
- Integrated secure payment gateways including **Razorpay**, wallet options and Cash on Delivery (COD) methods.
- Utilized **EJS** (Templating Engine) for front-end development.
- Followed **MVC architecture** and created admin-side interfaces for various management tasks.
- Deployed using **AWS Cloud Service, Nginx, Certbot** and **PM2** for reliable, scalable and secure performance.

MINI PROJECTS

Tic Tac Toe   Live | GitHub - Frontend | Backend

- Created a multiplayer Tic Tac Toe application utilizing Node.js for backend development, React for the frontend and **Socket.IO** for real-time communication between users.
- Implemented features for users to securely create or join game rooms. The game starts only when an opponent joins, ensuring a seamless multiplayer experience.

Netflix Clone   GitHub

- Developed a user-friendly Netflix clone using React.
- Utilized **TMDB API** for fetching up-to-date movie banners and lists.
- Used **Axios** module for seamless API calls.

OLX Clone   GitHub

- Developed an OLX clone project using React.js and utilized **Firebase** as the backend to handle user authentication.
- Implemented product management functionalities, allowing users to add and view products within the platform.

EDUCATION

Bachelor of Computer Application   June 2024 – Present
Indira Gandhi National Open University

MERN Stack Development   July 2023 – Present
Brototype, Calicut

Higher Secondary (Biology Science)   June 2021 – March 2023
GHSS Chundampatta, Palakkad