MOHAMMED AMJAD ALI

MERN STACK DEVELOPER

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SUMMARY

Proficient and enthusiastic MERN stack developer with expertise in JavaScript, React.js, Node.js, Express.js, and MongoDB. Committed to writing clean, maintainable code and continually expanding my knowledge. Excited to contribute to cutting-edge projects and collaborate with talented teams to build modern web applications.

TECHNICAL SKILLS

- **Programming Languages**: JavaScript, TypeScript, SQL
- **Frontend Technologies**: React.js, Next.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend Technologies**: Node.js, Express.js, MongoDB, Mongoose, Clean Architecture
- **DevOps and Deployment**: Docker, AWS EC2, Nginx, Vercel
- **Tools and Libraries**: Git, GitHub, Webpack, Babel, Postman, Multer, Nodemailer
- **Integrations**: JWT, Socket.IO, Stripe, Firebase Cloud Messaging
- **Familiar With**: Data Structures and Algorithms, PostgreSQL, MySQL, Firebase

PROJECTS

- **GymHub - Gym Management Platform**: 🌐 Live Link ⓞ Frontend — ⓞBackend

  A full-stack platform offering seamless experiences for gyms, trainers, users, and administrators. Developed using **MERN stack** with **TypeScript** and **Clean Architecture**, it provides a robust solution for gym management and user engagement.

  - Built using **MongoDB**, **Express.js**, **React.js**, **Node.js**, and **TypeScript**, and **Clean Architecture**.
  - Implemented **Material UI** components for a polished and responsive user interface.
  - Utilized **Redux** for efficient state management across the application.
  - Integrated **Socket.io** for real-time chat and **Zego Cloud** for video call capabilities.
  - Incorporated **Stripe** payment gateway for secure transactions and subscriptions.
  - Implemented **Firebase Cloud Messaging** for push notifications to enhance user engagement.
  - Utilized **Mapbox** for geospatial indexing and location-based services.
  - Developed features including gym reviews, banner advertisements, and a coupon system.
  - Created comprehensive admin functionalities including gym registration approval, user/trainer management, and detailed reports with graphical representations.

- **Cornerstone - Furniture E-commerce Platform**: 🌐 Live Link ⓞ GitHub

  An innovative furniture e-commerce platform offering a premium shopping experience with a wide range of features. Built using **Node.js**, **MongoDB**, and **EJS** following **MVC Architecture**, it provides a robust solution for both customers and administrators.

  - Implemented dynamic product showcase, reviews, referral rewards, and wallet management.
  - Integrated multiple payment options, coupon system, and banner advertisement functionality.
  - Developed comprehensive admin dashboard with sales reports, order management, and graphical insights.
  - Featured invoice downloads, return management, and customizable product offers.
  - Hosted on **AWS** and version controlled with **GitHub** for scalability and collaborative development.

MINI PROJECTS

- **Shortrr - URL Shortener**: 🌐 Live Link ⓞ Frontend — ⓞBackend

  - Developed a comprehensive URL shortener application with advanced features and analytics.
  - Built with **React** for the frontend, **Node.js** for the backend, and **MongoDB** for data storage.
  - Implemented core functionalities including URL shortening, QR code generation, and real-time click tracking.
  - Designed and integrated an analytics dashboard displaying user locations, device types, and interactive line charts.

- Created an intuitive and user-friendly interface to enhance user experience and functionality.

- **Burger Restaurant with Swiggy API**: GitHub
  - Developed with **React.js**, **Tailwind CSS**, and integrated live **Swiggy API**.
  - Implemented **React Loading Skeleton** for shimmer effects, **React Router DOM** for navigation.
  - Utilized **Redux** for state management.

- **YouTube: Video streaming platform**: GitHub
  - Created a dynamic UI using **React** and **Redux**.
  - Implemented live API search with caching and debouncing for fast results.
  - Developed a nested comments system, infinite scroll, and live chat features.
  - Added typing and chat features for personalized comments.

- **OLX: Buy and sell products**: GitHub
  - Developed a full-featured OLX clone using **React.js** for a seamless product listing and search experience.
  - Integrated **Firebase** for robust user authentication, efficient database management, and real-time updates.
  - Implemented state management techniques to ensure smooth product management and user interactions.
  - Optimized API calls for improved performance and responsiveness.
  - Created an intuitive user interface for easy navigation and product discovery.

EDUCATION

Brototype   Sept 2023 - Present
Full Stack Development - MERN   *Calicut, Kerala (India)*

GHSS Vazhakkad   July 2022 - June 2023
Plus Two - Commerce   *Malappuram, Kerala (India)*

HONORS AND AWARDS

- Awarded HackerRank JavaScript Certification, validating intermediate-level skills including advanced concepts like closures, prototypes, and asynchronous programming.

- Awarded HackerRank Node.js Certification, validating intermediate-level skills including advanced concepts and best practices.