Moosa K A

MERN Stack Developer

in Linkedin | GitHub | ✉ moosabilal75608@gmail.com | 📞 +917560873137 | 💼 Portfolio

Professional Summary :

Disciplined **Self-Taught Full Stack Developer** specializing in the **MERN** stack and **TypeScript**. Passionate about building scalable, maintainable software using the **Repository Pattern** and **SOLID principles**. Highly adaptable to evolving technologies with a proven ability to transform complex requirements into clean, production-ready architecture.

Skills :

Languages	: TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3.
Frontend	: React.js, Tailwind CSS, Bootstrap, EJS (Template Engine).
Backend	: Node.js, Express.js, Multer (File Handling), Cloudinary.
Database	: MongoDB, Mongoose (Schema Design), SQL.
Architecture & Concepts	: MVC, Repository Pattern, SOLID Principles, Data Structures & Algorithms (DSA), OOP.
Cloud & DevOps	: AWS (EC2), Nginx, Vercel, Render.
Tools	: Git, GitHub, Postman, Figma, Code Planner.

Projects :

QuickMate — Job Service Platform | Live Demo — GitHub

  Architected a modular backend using **MERN**, **TypeScript**, **Repository Pattern**, and **SOLID principles**, enforcing strict **DTO** mapping for type safety.

- **Integrated Socket.IO** and **WebRTC** for real-time communication, alongside **Razorpay** and **Cloudinary** for secure payments and media storage.
- **Developed JWT-based RBAC** authentication and a dynamic **Wallet system** to handle immediate earnings, refunds, and provider subscriptions.

Eagleswing — Fashion E-Commerce Platform | Live Demo — GitHub

  Built a high-performance store using **Node.js**, **MongoDB**, and **EJS** for SEO-optimized Server-Side Rendering (SSR).

- **Engineered** secure checkout flows using **Razorpay**, **OTP verification**, and a custom **Wallet & Coupon** system to drive user retention.
- **Optimized** complex inventory queries for speed and deployed the production build on **AWS EC2** for scalability.

Education :

Full Stack MERN Developer (Intensive Training)Brocamp (Brototype)

- Oct 2024 – Present
- Specialized in **MERN Full Stack Development**, **DSA**, and **System Design** through rigorous industrial self-learning.

Bachelor of Computer Applications (BCA)Shree Devi College (Mangalore University)

- 2021 – 2024