

# Moosa K A

MERN Stack Developer

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## Professional Summary :

Disciplined **Self-Taught FullStack 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 secure** JWT-based authentication and a **double-entry ledger 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 :

### FullStackMERN 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