

MOHAMMED NIHAL K

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Professional Summary

Full-Stack MERN Developer with comprehensive hands-on experience in designing, building, deploying, and optimizing scalable full-stack web applications. Proficient in system design, RESTful APIs, real-time communication, and cloud-native architectures. Successfully delivered production-grade solutions including real-time collaboration platforms, e-commerce systems, and role-based management dashboards. Skilled in AWS deployments, WebRTC, Socket.IO, Docker, and modern DevOps workflows. Trained and mentored by industry professionals with over 5 years of experience.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, SQL, NoSQL

Frontend: React.js, Next.js, Redux, TailwindCSS, Bootstrap, HTML5, CSS3, EJS

Backend: Node.js, Express.js, REST APIs, MVC Architecture

Databases: MongoDB, PostgreSQL, Redis, Firebase

DevOps/Cloud: AWS EC2, Vercel, Nginx

Realtime/Messaging: WebRTC, Socket.IO

Tools: Git, GitHub, Postman, Cloudinary, Fabric.js, Monaco Editor, Tiptap Editor

Projects

TACTICS — E-Commerce Platform (Git Repo — Live Link)

- Built a responsive e-commerce platform with Node.js, Express, MongoDB, EJS, and secure MVC-based workflows.
- Improved product rendering and server performance, deploying with a stable production configuration.
- **Technologies:** Node.js, Express, MongoDB, Mongoose, EJS, MVC, dotenv, Git

Chattify — Real-Time Chat Application (Git Repo — Live Link)

- Developed a MERN real-time chat app with Socket.IO messaging, JWT auth, and presence detection.
- Designed a modern, responsive UI using React, TailwindCSS, DaisyUI, and Cloudinary uploads.
- **Technologies:** React, Node.js, Express, MongoDB, Socket.IO, Zustand, TailwindCSS

UserManagement — MERN User & Admin System (Git Repo — Live Link)

- Built a role-based MERN user/admin system with JWT auth, Redux state management, and profile workflows.
- Developed an Admin Dashboard featuring real-time search, CRUD actions, and image upload handling.
- **Technologies:** React, Redux, Node.js, Express, MongoDB, JWT, Cloudinary

Education

Brocamp, Calicut — Full-Stack Development Certificate 2024 – Present

- Completed 10+ months of MERN, AWS, and system design training with senior developer guidance.

MES Kalladi College — BBA 2021 – 2024

- Studied business tools including Tally, MS Word, Excel, and PowerPoint.

P T M HSS Thazekode — Higher Secondary (Commerce with Computer Application) 2019 – 2021