

MD TOUSIF ALAM

Full Stack MERN Developer

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PROFESSIONAL SUMMARY

- ✓ Highly motivated **Full Stack MERN Developer** with **2.3+ years of experience** in designing and building **scalable web applications** using **React.js, Node.js, Express.js, and MongoDB**. Proven ability to **lead cross-functional teams**, deliver **high-performance solutions**, and improve product outcomes. Strong **problem-solving skills**, with a track record of delivering **impactful results in fast-paced Agile environments**.

PROFESSIONAL EXPERIENCE

Xotive Technologies – Noida, Sector-62

Full Stack MERN Developer | Apr 2023 – Present

- ✓ Led an **11-member development team** to design and launch an **online e-commerce platform**, delivering **45+ features and bug fixes**.
- ✓ Collaborated across **Technology, Business, and Management teams** to implement a new **ERP system**, increasing revenue by **25%**.
- ✓ **Promoted within 6 months** for exceptional performance.
- ✓ Mentored and trained **junior developers** as part of a **UI leadership group**.
- ✓ Built and maintained a **frontend architecture using React.js** with **14,000+ reusable components**.
- ✓ Achieved **Google Lighthouse performance score of 100/100**.
- ✓ Optimized **service layers and MongoDB models** to handle traffic peaks of **74,000–96,000 requests/second**.
- ✓ Developed an **API abstraction layer** for seamless **third-party integration**.

YAV Technologies – Bangalore

Full Stack Developer | 2022 – 2023

- ✓ Developed full-stack apps using **React (90%), Node.js (85%), and Sails.js (70%)** integrated with **MySQL, PostgreSQL, MongoDB**.
- ✓ Designed and consumed **RESTful APIs** and integrated **Google Maps, Mapbox, and payment gateways**.
- ✓ Explored **distributed systems, real-time processing, and machine learning**.
- ✓ Wrote **200+ unit tests** to maintain **100% test coverage**.
- ✓ Led architecture and development of **30+ new features** and contributed to **20+ modules**.

PROJECTS

E-Commerce Advanced Admin Dashboard

- ✓ Built a full-stack admin dashboard with **React.js, Node.js, Express.js, MongoDB, and Firebase**, featuring **real-time updates (Socket.io)**, **JWT-based authentication**, and **role-based access control**. Integrated a **secure payment gateway** and built a **scalable architecture** with **reusable components** and **protected routes**.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Firebase, Socket.io, JWT, React Router, Axios, **CryptoJS**, **Payment Gateway Integration**

AI Coding Assistant – using MERN + OpenAI

- ✓ Built a **Devin-like AI Coding Assistant** using **MERN stack, OpenAI API, and Socket.io** for **real-time code suggestions** and **one-to-one chat**. Enabled **secure file access** and **contextual code generation**.

Tech Stack: React.js, Node.js, Express.js, MongoDB, **OpenAI API, Gemini API**, Socket.io, Axios, JWT, React Router, File System (fs), REST API

Task Management System – Pro Level

- ✓ Developed a **Trello-like Task Manager** using **Next.js, Tailwind CSS, TypeScript, Node.js, Express.js, and MongoDB**. Included **role-based access, JWT auth**, and **real-time chat with Socket.io**.

Integrated **OpenAI chatbot** to assist users with tasks.

Features: drag-and-drop tasks, deadlines, priority filters, one-to-one messaging, third-party libraries for advanced UI/UX

Tech Stack: Next.js, React.js, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io, OpenAI API, JWT, Axios, REST API, Redux, **CryptoJS**, dotenv, cors.

EDUCATION

Bachelor of Science (Mathematics)

Lalit Narayan Mithila University – Darbhanga, Bihar | 2018 – 2021

CERTIFICATIONS & COURSES

- ✓ **SQL for Developers** – Nxtwave
- ✓ **JavaScript Algorithms & Data Structures, React.js** – Nxtwave
- ✓ **Backend Development with Node.js** – Nxtwave

TECHNICAL SKILLS

- ✓ **Languages & Frameworks:** JavaScript, TypeScript, React.js, Node.js, Express.js, HTML, CSS
- ✓ **Database & Tools:** MongoDB, MySQL, PostgreSQL, MS SQL Server
- ✓ **Cloud & Deployment:** Vercel, Render, Netlify, Railway, Heroku, Firebase Hosting, AWS, Postman, Jira with CI/CD integration using GitHub Actions, GitLab CI, and Firebase CI/CD for automated testing and seamless delivery
- ✓ **Concepts:** REST APIs, API Integration, JWT Auth, RBAC, Redux, State Management, Lazy Loading, Pagination, Real-Time Communication, MVC Architecture, Component-Based Architecture, Error Handling, Secure Coding, CI/CD Pipelines, LLM Integration, LangChain, Prompt Engineering, Vector Databases, Scalable Architecture, Performance Optimization, Cloud Deployment, Unit Testing, SDLC, Agile.

SOFT SKILLS

- ✓ **Strong Problem-Solving**
- ✓ **Team Leadership and Agile Collaboration**
- ✓ **Communication with Technical & Business Stakeholders**