



JYOTIRANJAN MOHANTY

Senior Full Stack Developer | MERN | API & Automation

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Senior Full Stack Developer with **3+ years of experience** building **web applications**, **CRM systems**, and **REST APIs** using the **MERN stack**. Experienced in frontend development, backend architecture, database optimization, deployment, and server management. Worked on automation workflows, WhatsApp integrations, and scalable business applications while independently handling development, deployment, and production support.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript (Basic), HTML5, CSS3, SQL

Frontend: React.js, React Native(Basic), Redux, Context API, Tailwind CSS, Bootstrap, Responsive Design

Backend: Node.js, Express.js, REST APIs, JWT Authentication, OAuth, bcrypt

Databases: MongoDB, Mongoose, MySQL, Query Optimization, Indexing, Schema Design

DevOps & Cloud: IIS Server (Windows), SSL/TLS Configuration, Domain Hosting, PM2

Integrations & Automation: Interakt (WhatsApp Business API), SMTP/Nodemailer, PhonePe

Tools & Practices: Git, GitHub, Postman, VS Code, Code Reviews

PROFESSIONAL EXPERIENCE

Senior Full Stack Developer | Apr 2023 – Present

Search Education Pvt. Ltd.

Promoted from MERN Stack Developer to Senior Full Stack Developer within **18 months** for owning end-to-end delivery and infrastructure of company's flagship CRM and web platforms.

- Developed and maintained a custom CRM system handling **100,000+ leads** and supporting daily operations across sales and support teams.
- Architected and implemented **200+ REST API** endpoints with optimized database queries, caching strategies, and indexing techniques, delivering scalable and high-performance backend services.
- Integrated WhatsApp automation through Interakt API and email workflows using SMTP/Nodemailer for lead updates, meetings, and notification systems.
- Implemented secure authentication and authorization using **JWT**, **bcrypt**, **RBAC**, and session management.
- Managed **IIS production** servers, SSL/TLS setup, domain configuration, deployment, and application monitoring across multiple projects.
- Optimized **MongoDB** and **MySQL** performance using indexing, aggregation pipelines, and schema improvements.
- Built and maintained multiple business **websites** and **landing pages** with responsive frontend implementations, utilizing **AI-assisted** development tools to reduce delivery time and improve development efficiency.
- Independently handled end-to-end **development** including requirement analysis, backend architecture, deployment, debugging, and production support.

KEY PROJECTS

Custom CRM Platform | MERN, Interakt API, Nodemailer, IIS

- Worked on a custom CRM platform with **lead management**, dashboards, filtering, and reporting features used by internal teams.
- Improved database query performance using **indexing**, **pagination**, and query optimization for **100K+ records**.
- Integrated **WhatsApp** and **email automation** for lead updates, follow-ups, and notifications.

Testify – Web Application | MERN, REST APIs, JWT, MongoDB

- Developed and maintained a full-stack EdTech web application with **authentication**, dashboards, and content management features.
- Built backend APIs and responsive frontend modules, and handled **deployment** and **hosting** tasks.

Testify – Mobile Application | React Native, REST APIs, Push Notifications, Android & iOS Deployment

- Developed a lightweight React Native wrapper application for a mobile-friendly web platform with app-like UI and navigation experience.
- Integrated push notifications, authentication handling, and API connectivity, and managed application deployment on the **Google Play Store** and **Apple App Store**.

KEY ACHIEVEMENTS

- Promoted to **Senior Full Stack Developer** within 18 months based on project ownership and consistent delivery.
- Improved **API** and **database performance** through query optimization, indexing, and caching.
- Integrated third-party services including **WhatsApp APIs**, **email automation**, and payment-related workflows.
- Managed **deployment**, **IIS hosting**, **SSL setup**, and production support for multiple applications.
- Handled development, debugging, deployment, and maintenance tasks independently across multiple projects.

EDUCATION

- **B.Tech in Mechanical Engineering** — NMIET College
- **Diploma in Mechanical Engineering** — DRIEMS Polytechnic

TRAINING & CERTIFICATIONS

- **Full Stack Web Development (MERN)** — Masai School
Training in frontend, backend, REST APIs, databases, and full-stack application development.
- **Data Structures & Algorithms** — Hands-on training in Arrays, Strings and problem-solving for production-grade code.

LANGUAGES

English (Professional) | **Hindi** (Fluent) | **Odia** (Native)