

Manikanta Kotni

Full-Stack MERN Developer

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Summary

Full-stack developer with 4+ years of experience building scalable web applications using the MERN stack. Strong expertise in React, Next.js, and Node.js, with a focus on performance optimization, real-time features, and clean architecture. Proven track record of delivering production-ready solutions for high-profile clients like SBI and Reliance. Experienced in building RESTful APIs, secure authentication flows, and integrating frontend with backend logic across MongoDB and Redis-powered services.

Skills

- **Languages:** JavaScript, TypeScript, HTML, CSS
- **Frameworks & Libraries:** React, Next.js, Express.js, Mongoose, Material UI, Tailwind CSS, Node.js
- **Tools:** Visual Studio Code, Postman, Jira, Microsoft SQL Server, Git, Vercel
- **Database:** MongoDB, Basic SQL, Redis
- **Soft Skills:** Performance Optimization, Problem-Solving, Excellent Communication

Experience

ZingHR, Mumbai
Software Developer

Jul 2023 – Present

- Developed dynamic UIs for core HRMS modules like **Compensation Workbench, Time and Management, and Rewards and Recognitions** using **React.js, Next.js, MUI and Redux**, improving usability for clients like **SBI and Reliance**.
- Improved app performance by 30% with SSR in Next.js, Lazy Loading, and React hooks optimization, enhancing load time and user experience.
- Reduced redundant state re-renders and API hits by 40% through effective Redux architecture and component-level optimizations.
- Modularized 20% of legacy UI code, enhancing maintainability and scalability of MUI components across multiple modules.
- Boosted sprint efficiency by 25% by collaborating with QA and PM teams on timely deliveries, bug fixes, and regression testing support.

Primus Global Technology Pvt Ltd
Software Developer

Aug 2021 – Jun 2022

- Contributed to a MERN-based SaaS platform for **Satellite Imagery Booking**, enabling clients to schedule and purchase satellite imagery in advance with features like **search, filters, cart, wallet, and secure payments**.
- Developed dynamic and reusable UI components using **React.js, Next.js, and Material UI**, streamlining interface consistency and reducing duplication.
- Implemented **JWT-based authentication** for secure login and user identity management.
- Optimized page performance by removing unused DOM data and ensuring SEO-friendly page structures.
- Engineered a responsive, component-based admin dashboard tailored for complex e-commerce operations.
- Collaborated across frontend, backend, and database layers using **Node.js, Express.js, and MongoDB**, strengthening full-stack proficiency.

AlmaBetter Edutech Pvt Ltd
Web Development Trainee

Jun 2020 – Jun 2021

- Optimized database queries and back-end processes, leading to a **30% reduction in API response time** and improving application scalability by **25%**.
- Reduced security vulnerabilities by **50%**, leading to a **35% decrease in potential breaches** and ensuring **99.9% system reliability** through strong encryption and authentication mechanisms.
- Enhanced performance by **40%**, reducing page load times by **20%** and increasing user engagement by **15%** through the optimization of React components and Express.js API architecture.

Projects

Advanced Todo App (In Progress) <ul style="list-style-type: none">– Built an advanced offline-first Todo app using Next.js (App Router), Tailwind CSS, and PostgreSQL + Express.js, focusing on performance and user experience.– Implemented robust authentication with JWT via NextAuth.js, enabling secure session handling and third-party provider support.– Designed undo/redo functionality using useReducer and Immer, allowing state time-travel for task edits and deletions.– Enabled offline usage with PWA support and client-side caching via IndexedDB, ensuring seamless sync and data persistence.	Full-Stack Productivity PWA
Reserve Bus <ul style="list-style-type: none">– Built a responsive ticket booking app using React.js, Node.js, Express.js, and MongoDB with a clean and intuitive UI.– Enabled smart search and filtering, reducing ticket discovery time and improving efficiency by 25%.– Designed user-friendly booking history and ticket management flows, increasing satisfaction by 20%.	Bus Ticket Booking Platform

Certifications

Next.js App Router Fundamentals <i>Issued by Vercel</i>	Jul 2024 <i>Certificate Link</i>
Programming with JavaScript <i>Issued by Meta</i>	Dec 2022 <i>Certificate Link</i>

Education

Jawaharlal Nehru Technological University, Visakhapatnam <i>Master of Business Administration</i>	Jun 2016 – Jul 2018 <i>Organizational Behavior • Strategy • Finance</i>
Bharathiyar University <i>Bachelor of Business Administration</i>	Jun 2012 – Jun 2015 <i>Problem Solving • Communication • Collaboration</i>