

Manikanta Kotni

Full-Stack MERN Developer

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github.com/ManiKanta9578 Portfolio

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.

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, Succession and Planning, 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

Jul 2020 – Jul 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

- Compensation WorkbenchClient: HDBFS, Smartworks — HRMS Domain — Nov 2024 – Present
- Built a robust compensation planning tool using **Next.js**, **JavaScript**, **Redux Toolkit**, and **Material UI** to manage salary budgets and increment recommendations.
 - Developed dynamic, role-based views for managers and compensation specialists with responsive layouts for cross-device compatibility.
 - Integrated API responses and optimized state management using Redux for real-time worksheet updates.
 - Collaborated with backend developers to finalize API contracts and improve data-fetch performance.
 - Participated in Agile ceremonies including sprint planning, daily standups, and code reviews.

- Key Achievements:
- Improved worksheet load time by **30%** through optimized component rendering and Redux store efficiency.
 - Designed a reusable component library to ensure consistent UI across modules.
 - Contributed to a successful mid-cycle feature release by proactively resolving UI bugs.
 - Enhanced user experience by implementing **real-time validations** and **dynamic budget calculations**.

- Succession PlanningClient: SBI, RIL — HRMS Domain — Feb 2024 – Oct 2024
- Built an interactive and strategic succession planning module using **Next.js**, **JavaScript**, **Redux Toolkit**, and **Material UI** to support leadership continuity.
 - Developed user dashboards for HR and leadership to visualize succession readiness and risk assessments.
 - Integrated APIs to fetch real-time employee performance and skill-gap data.
 - Created dynamic forms to allow HR teams to define and update personalized development plans.
 - Ensured consistent state and view synchronization via optimized Redux store structure.
 - Collaborated with cross-functional teams during code reviews, sprint demos, and planning sessions.

- Key Achievements:
- Reduced feature delivery time by **25%** by modularizing UI components for reuse.
 - Improved dashboard load time through optimized state handling and selective rendering.
 - Delivered a seamless UAT by resolving over **15 critical UI/UX issues** pre-deployment.
 - Earned appreciation from client stakeholders for delivering an intuitive user experience.

- Satellite Imagery Booking PlatformClient: Confidential — SaaS Domain — Aug 2021 – June 2022
- Contributed to a MERN-based SaaS platform enabling clients to search, filter, schedule, and purchase satellite imagery in advance with wallet and secure payment features.
 - Developed dynamic, reusable UI components using **React.js**, **Next.js**, and **Material UI**, improving consistency and reducing UI duplication.
 - Implemented **JWT-based authentication** for secure login and user identity verification.
 - Optimized SEO and page performance by cleaning unused DOM data and improving structure.
 - Engineered a responsive, component-driven admin dashboard tailored for complex e-commerce workflows.
 - Collaborated across the full MERN stack (**Node.js**, **Express.js**, **MongoDB**), strengthening backend and database proficiency.

Certifications

- Next.js App Router FundamentalsJul 2024
Issued by VercelCertificate Link
- Programming with JavaScriptDec 2022
Issued by MetaCertificate Link

Education

- Jawaharlal Nehru Technological University, VisakhapatnamJun 2016 – Jul 2018
Master of Business AdministrationOrganizational Behavior • Strategy • Finance
- Bharathiyar UniversityJun 2012 – Jun 2015
Bachelor of Business AdministrationProblem Solving • Communication • Collaboration