

SANDEEP P.R.

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SUMMARY

Detail-oriented **Full-Stack Developer** with experience in building scalable web applications using the **MERN stack**, Next.js, and TypeScript. Proficient in developing responsive user interfaces and robust **RESTful APIs**. Adept at database management with **MongoDB** and SQL. Passionate about integrating AI solutions and delivering clean, maintainable code in fast-paced environments.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript
- **Front-End:** React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, Material UI, HTML5, CSS3
- **Back-End:** Node.js, Express.js, REST APIs, WebSockets, MVC Architecture
- **Databases:** MongoDB, Mongoose, MySQL, PostgreSQL, SQLite
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Vercel, Netlify, Razorpay, PayPal
- **AI & Auth:** GitHub Copilot, OpenAI APIs, JWT, Clerk

PROFESSIONAL EXPERIENCE

Full Stack Developer | M-Tronz Innovations Hub, Palakkad *Nov 2024 – Present*

- Designing and developing a comprehensive product management system using **React.js, Node.js, and MongoDB**.
- Creating dynamic front-end components integrated with robust backend services to ensure seamless data flow.
- Integrating third-party APIs to enhance functionality, streamline workflows, and improve overall user experience.

Full Stack Intern | Logiprompt Techno Solutions, Trivandrum *July 2024 – Oct 2024*

- Developed responsive, user-friendly interfaces using **React.js, Next.js, and Tailwind CSS**, ensuring cross-browser compatibility.

- Built scalable backend services with **Express.js and MongoDB**, designing REST APIs and implementing secure CRUD operations.
- Conducted debugging and code optimization, resulting in improved application performance and stability.

KEY PROJECTS

Expense Tracker | *Next.js 15, TypeScript, Tailwind, Neon Postgres, Prisma, Clerk, AI*

- Developed a smart expense tracker integrated with **Clerk** for secure authentication and **OpenRouter AI** for intelligent expense categorization.
- Designed a dynamic dashboard featuring interactive charts and real-time spending analytics.

E-Commerce Application | *MERN Stack, Tailwind, Redux Toolkit*

- Built a full-featured shopping platform with product filtering, cart management, and secure payment gateway integration (**Razorpay/Stripe**).
- Implemented an Admin Dashboard for managing products, orders, and user data.

Event Management App | *React Native, SQLite*

- Developed a mobile application allowing users to register events, upload images, and track schedules.
- Implemented a custom monthly calendar view to visualize registered events and details efficiently.

Construction Management System | *React, Node.js, Express, MongoDB*

- Created a platform connecting clients and contractors for project bidding and progress tracking.
- Implemented **Role-Based Access Control (RBAC)** to manage distinct permissions for Admins, Contractors, and Clients.

EDUCATION

- **Bachelor of Arts (B.A.)** | IGNOU University
- **Diploma in Computer Science & Engineering** | IPT&GPTC, Shoranur
- **ITI in COPA** | NIT Pvt ITC, Mannarkkad

LANGUAGES

English (Fluent), Malayalam (Native), Tamil (Fluent), Hindi (Basic)