

Sandeep Singh Nayal

Full Stack Developer

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👤 Summary

Full-stack developer with strong expertise in the MERN and Next.js ecosystems. Experienced in designing, developing, and deploying scalable applications with a focus on performance, clean architecture, and developer-friendly codebases. Skilled at integrating AI-driven features to enhance product functionality.

Education

Integral and Innovative Sustainable Education College, University of Lucknow Oct 2022 – Apr 2025
Bachelor of Computer Applications (BCA)

Skills

Languages: JavaScript, TypeScript, Python

Front-End: React, Next.js, React Native, Expo, state management , Tailwind CSS, Framer Motion, HTML, CSS

Back-End: Node.js, Express.js, AI SDK, Websockets , Firebase, Supabase

Databases: MongoDB, PostgreSQL , Redis , MySQL, Prisma/Drizzle ORM, Mongoose

DevOps and Cloud: Git, GitHub, Docker , Linux, AWS ,Nginx

Experience

Full Stack Developer — Aganitha Feb 2026 – Present

- Spearheading development of production-grade libraries across frontend and backend, improving platform stability and user experience.
- Collaborating with team members to deliver features that align with product goals.
- Implementing scalable solutions with event-driven system, ensuring maintainability and modular code for future growth.

Full Stack Developer — Ageit Endorse Sep 2025 – Dec 2025

- Spearheading development of production-grade features across frontend and backend, improving platform stability and user experience.
- Collaborating with team members to deliver features that align with product goals.
- Implementing scalable solutions with MERN stack, ensuring maintainability and modular code for future growth.

Software Trainee — Ageit Endorse May 2025 – Aug 2025

- Built and maintained reusable React components, improving code reusability and reducing frontend bugs by 30%.
- Integrated REST APIs and optimized data fetching, leading to faster UI response times.
- Contributed to internal hackathons, prototyping innovative features that were later adopted into production.

Projects

DropForm — AI powered form creator and data-query (Next.js and AI SDK) Live Demo 🌐

- Designed and developed a full-stack AI powered form creator and editor .
- Integrated a agent to query collected data in natural language.
- Implemented secure OAuth authentication and payment integration.
- Optimized performance using a hybrid SSR/CSR approach with caching, cutting initial load times by 60%.

DevWork — Freelance Platform for Developers (Next.js) Live Demo 🌐

- Designed and developed a full-stack freelance marketplace with job posting, search, and proposal submission features.
- Integrated AI-powered job filling, text enhancement improving user experience.
- Implemented secure OAuth authentication with role-based access control, improving system security.
- Optimized performance using a hybrid SSR/CSR approach with caching, cutting initial load times by 40%.

Fundly — AI-Powered Finance App (MERN) Live Demo 🌐

- Built a finance management app to track expenses, manage budgets, and set goals.
- Integrated AI-driven insights and AI chatbot , helping users identify saving opportunities and reduce unnecessary spending.
- Improved app performance with React Query caching and optimized database queries.