

# Sandeep Singh Nayal

## Full Stack Developer

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 9305787991

 Portfolio

 LinkedIn

 GitHub

### 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**  
Bachelor of Computer Applications (BCA)

Oct 2022 – Apr 2025

### Skills

**Languages:** JavaScript, TypeScript, Python, Java, SQL

**Front-End:** React, Next.js, React Native, Expo, Redux Toolkit, TanStack Query, Zustand, Jest, RTL, Zod, Storybook, Tailwind CSS, ShadCN UI, Framer Motion, HTML, CSS

**Back-End:** Node.js, Express.js, AI SDK, Socket.IO, JWT, Firebase, Supabase

**Databases:** MongoDB, PostgreSQL , Redis , MySQL, Prisma ORM, Mongoose

**Tools:** Git, GitHub, Docker , Postman, VS Code, Vercel

### Experience

#### Full Stack Developer — Ageit Endorse

Sep 2025 – Present

- 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.

#### Freelance Web Developer

Feb 2025 – Apr 2025

- Delivered fully responsive websites for clients, improving engagement and user retention.
- Translated client requirements into functional UI/UX designs, ensuring 100% on-time delivery of projects.

### Projects

#### 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%.
- Tech stack: Next.js, TypeScript, PostgreSQL, Prisma, Tailwind CSS, Vercel AI SDK.

#### 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.
- Tech stack: React, TypeScript, Tailwind CSS, PostgreSQL, Node.js.

#### Dropcart — E-commerce Platform (MERN)

Live Demo 

- Developed an end-to-end e-commerce app with product listings, search, filtering, and cart/order management.
- Implemented pagination and caching, enabling smooth browsing even with 500+ products.
- Delivered a scalable backend with Express.js and MongoDB, handling concurrent requests efficiently.