

Akshay Kumar Singh

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Motivated **Full Stack Developer** with expertise in building scalable applications using the MERN stack and Next.js. Skilled in API development, backend architecture, AI integration database management, with a proven ability to quickly adapt to new technologies.

Skills

- **Programming Languages:** Python
- **Frontend Development:** HTML5 | CSS3 | JavaScript | Angular | TypeScript | React | NextJS | Redux | Tailwind CSS
- **Backend Development:** Node.js | Nest.js | Express.js | GraphQL | Strapi CMS | Payload CMS
- **Database Technologies:** MongoDB | MySQL | PostgreSQL | ORM (Sequelize, Prisma, Drizzle)
- **Tools & Technologies:** Git | GitHub | AWS | JWT | Docker | Postman | Socket.io | Redis
- **Languages:** English | Hindi (Professional proficiency)

Experience

Full Stack Developer

Dignizant Technologies LLP

Surat, Gujrat, India 12/2024 - Present

- Developed secure and high-performance backend systems using Node.js, Prisma, PostgreSQL, Docker, and MongoDB, designed scalable architectures for both web and mobile applications.
- Redesigned and rebuilt a website using React, translating Figma designs into a seamless and visually appealing user experience with pixel-perfect components. collaborated directly with clients through meetings to gather requirements and incorporate feedback.
- Developed a Company website using Next.js for the frontend and Strapi CMS for the backend, ensuring a dynamic, scalable, and efficient content management system.

Full Stack Developer

Solutioneersinfotech

Lucknow, UP, India 08/2023 – 11/2024

- Developed a secure E-commerce platform (MERN Stack) with role-based access (admin, seller, customer), integrated payments, shopping cart, real-time order tracking, reviews, and dynamic product management through custom dashboards.
- Built a scalable backend for a barber booking app (Node.js, Express.js) with REST APIs for user/shop registration, OTP/email login, appointment management, payment integration, shop search, and real-time chat functionality using Socket.io
- Designed user-friendly dashboards (admin, user, seller) to streamline product management, bookings, inventory, and user control.

Full stack Developer intern

Alfido Tech

Hyderabad, Telangana 01/2023 - 03/2023

- Learned and applied the MERN stack (MongoDB, Express.js, React.js, Node.js) by working on real-world projects, including management systems and E-commerce applications.
- Gained experience with Git/GitHub for version control, collaborating in a large team using agile methodologies
- Worked with AWS for deployment, cloud infrastructure, and web security best practices.

Education

Bachelor of Computer Applications

National PG College

Lucknow, UP, India 08/2021 - 05/2024

- Studied Computer Science, Software Engineering, Information Technology, Information Security, and Networking Technology.

Projects

Bakery Flow — Seamless User Journey from Customer to Store Owner

- Built a full-stack bakery platform with **Next.js 15, Node.js, PostgreSQL, Prisma, and Redis**, supporting user roles, workspaces, and secure auth flows and Implemented **order flow, cart, notifications, and audit logging**, with scalable role-based access control.
- By implementing dynamic role-based access control, the project offers tailored functionalities for multiple user roles (Customer, Admin, Staff), ensuring secure, scalable, and personalized experiences across different levels of interaction.
- The project integrates a highly intuitive user flow, allowing customers to easily sign up, browse products, manage orders, and even transition into store owners, ensuring a seamless, end-to-end experience.

Meal App Backend — Scalable Backend for a Mobile Food Platform

- Built a scalable backend using **TypeScript**, **Express.js**, **MongoDB (Mongoose)** with secure **JWT authentication** and role-based access.
 - Integrated **real-time chat** using **Socket.IO**, **AI-based features**, and schema validation with **Zod**; added structured logging via **Winston**
- Designed RESTful APIs with clean modular architecture, documented with Swagger, and configured for deployment

Multi-Vendor Ecom— Scalable E-commerce Marketplace

- Developed a multi-vendor ecommerce site Using MERN Stack, HTML5, CSS
- Implemented JWT authentication and role-based access control (Admin, Seller, User), ensuring secure interactions via RESTful APIs.
- Integrated payment gateway, created an admin dashboard for product and order management, and implemented dynamic frontend components for seamless user experience and data validation.

Hackathon :- Hiring Challenge - Full Stack Developer hosted by Where U Elevate and Ksolves

Certificate

Publication : – Boon for Healthcare Industry Reshaping the Healthcare Industry via Blockchain Technology

Research Paper