

AVINASH KUMAR SINGH

Full Stack Web Developer | Aurangabad, Bihar

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Portfolio

https://linkedin.com

https://github.com

PROFESSIONAL SUMMARY

Full Stack Web Developer with strong foundation in modern web technologies including React, Next.js, TypeScript, and Node.js. Experienced in building secure, scalable, and user-friendly web applications. Skilled in REST API integration, database management with PostgreSQL and MongoDB, and cloud deployments using AWS and Vercel platforms. Passionate about clean code, agile collaboration, problem-solving, continuous learning, delivering impactful software solutions efficiently, and **fostering** innovation.

WORK EXPERIENCE

Full Stack Developer

Apareemita Humanitarians Association (NGO) — Jan 2025 – Present



- Designed, engineered, and deployed the NGO's website using **React**, **TypeScript**, and **Node.js**, reducing load times by 35% and increasing visitor engagement by 50%
- Led key technical initiatives and full-stack development efforts that doubled online visibility and successfully facilitated the onboarding of 3 new partner organizations through the website.
- Enhanced cross-device mobile responsiveness and page load performance, achieving 95+ Lighthouse scores for performance, accessibility, and user experience across various screen sizes.
- Collaborated with 4+ stakeholders to define and execute a comprehensive digital strategy that increased monthly site visits from 200 to 1,200+ through improved UX and content structure.

PROJECTS

Sistya Bank — [Live](#) | [github](#)

Built a secure, full-featured banking application enabling user registration, login, balance inquiry, fund transfers, and transaction history. Implemented user authentication with NextAuth and session management.

Tech Stack: Next.js, TypeScript, PostgreSQL, Prisma, Docker, Tailwind CSS, ShadCN, Turborepo, Vercel

Medium Blog App — [Live](#) | [github](#)

Created a full-stack blogging platform inspired by Medium, featuring user authentication, blog creation, and public content viewing. Built a serverless backend with Cloudflare Workers for low-latency, scalable API handling.

Tech Stack: Hono, React.js, TypeScript, PostgreSQL, Tailwind CSS, Prisma, Netlify, Cloudflare Workers (serverless backend)

Cookie Auth App — [github](#)

Implemented a robust, **secure**, and **scalable** cookie-based authentication system in a Next.js application with features like email verification, password reset, and secure session handling for persistent user login experience.

Tech Stack: Next.js, TypeScript, PostgreSQL, Prisma, JWT, Axios, bcrypt.js, Tailwind CSS, Nodemailer

Sistya Chat AI — [Live](#) | [github](#)

Developed an AI-powered chatbot application using the Gemini API, capable of answering user queries and intelligently storing previous chats. Designed for real-time interaction, seamless UX, and consistent performance.

Tech Stack: Next.js, React.js, TypeScript, Node.js, Gemini API, Tailwind CSS, Vercel

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C

Web Development: Next.js, React.js, Recoil, ShadCN, MUI, Tailwind CSS, CSS, HTML

Backend & APIs: Node.js, Express, Hono, REST API

Databases & ORM: PostgreSQL, MongoDB, Redis, Prisma, Mongoose

Cloud & Deployment: AWS (EC2, S3, CloudFront), Cloudflare, Vercel, Netlify

DevOps & CI/CD: Turborepo, Docker, GitHub Actions, Git, GitHub, Yarn, PNPM

Tools & Utilities: OpenAPI, JWT, Zod, Bcrypt.js, Postman, Axios, Nodemailer

EDUCATION

Bachelor of Computer Applications

Mirza Ghalib College, Gaya — Graduated: September 2024

ACHIEVEMENTS & CERTIFICATION

- Selected to represent the school at the **district-level science exhibition**; awarded a certificate of recognition. ([view certificate](#))