AVINASH KUMAR SINGH

Full Stack Web Developer | Aurangabad, Bihar

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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.

TECHNICAL SKILLS

- TypeScript
- JavaScript
- React.js
- Next.js
- Node.js

- Express.js
- Hono
- REST APIs
- HTML
- CSS

- Tailwind CSS
- ShadCN UI
- Material UI
- Recoil
- C

- Prisma
- PostgreSQL
- MongoDB
- Mongoose
- Redis

- Docker
- Cloudflare
- AWS (EC2, S3, CloudFront)

WORK EXPERIENCE

- **Full Stack Developer**
  Apareemita Humanitarians Association (NGO) — Jan 2025 — Present
  🌐 **website**
    - 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

EDUCATION

- **Bachelor of Computer Applications**
  Mirza Ghalib College, Gaya — Graduated: September 2024

CERTIFICATION

- Complete JavaScript Programming: From Novice to Expert – Udemy (May 2025) **Certificate**
- Docker Basics Unleashed – Udemy (December 2025) **Certificate**