Pratik Singh
Software Engineer

✉ proff.pratiksingh@gmail.com 📞 9356901030 📍 Nagpur 💼 Linkedin/Pratik 🔗 pratik-singh.vercel.app 🐙 pratxk

🧩 Summary

Software Engineer with close to 1 year of hands-on experience architecting and launching scalable web solutions using modern JavaScript ecosystems and API-first architectures. Adept in **React.js**, **Next.js**, and **Node.js**, with backend experience in **PostgreSQL** and **MongoDB**. Proficient in **Python**, **TypeScript**, and **SQL**, with working knowledge of **CI/CD workflows**, **automated testing**, and **cloud-native deployments**. Thrive in Agile teams, with a track record of elevating code quality, optimizing performance, and accelerating delivery pipelines. Well-versed in **Agile methodologies** including **Scrum** and **Kanban**, with a proven ability to contribute to **cross-functional teams**, participate in sprint planning and retrospectives, and adapt to fast-paced development cycles. Passionate about writing **high-quality**, **performant** code, improving developer experience, and continuously **optimizing** delivery workflows.

🎓 Education

Jhulelal Institute of Technology,   Jun 2020 – Jul 2024 | Nagpur, IN
B.Tech in Computer Science Engineering (CGPA: 8.6/10)
Relevant Coursework: Data Structures, Operating Systems, Computer Networks, Web Technologies, Software Engineering

💼 Professional Experience

CIMET, *Associate Software Engineer*   Nov 2024 – present | Jaipur, IN
- Delivered performant, server-rendered interfaces using **Next.js, TypeScript**, and Styled Components, decreasing load times by ~**40%** and boosting SEO visibility across 5+ digital products.
- Integrated and streamlined **GraphQL** and **RESTful APIs**, enhancing data sync efficiency and reducing client-server latency by **30%** in **SSR workflows**.
- Increased backend throughput by **65% through Redis-based caching** layers and optimized database access using Prisma with PostgreSQL, improving responsiveness under high traffic.
- Overhauled a legacy monorepo, resolving **200+** code quality issues via **SonarQube**, enabling CI pipelines to pass and increasing **code maintainability** across teams.
- Enhanced content flexibility by extending **KeystoneJS CMS** with modular schemas and **SEO-compliant metadata**, allowing marketing teams to publish campaign pages independently.

CIMET, *Full Stack Developer Trainee*   Sep 2024 – Nov 2024 | Bangalore, IN
- Contributed to production modules using the **MERN** stack and TypeScript, applying modular architecture patterns and ensuring complete API coverage with unit/integration tests.
- Structured and secured **RESTful** endpoints with **Node.js** and Express, incorporating **JWT authentication**, role-based access, and request validation.
- Assembled accessible user interfaces using React and optimized frontend scores to consistently exceed **90+ Lighthouse** ratings for UX and performance.
- Integrated Jest and Cypress test suites, trimming **QA cycles** by **35%** and uncovering edge-case bugs before staging deployment

🧠 Technical Skills

Languages & Runtime
JavaScript, Python, SQL, TypeScript

Backend, Databases & APIs
Express.js, GraphQL, REST APIs, tRPC, Prisma ORM, KeystoneJS, Redis, NextAuth.js, Firebase Auth (basic), Node.JS, PostgreSQL, MongoDB

Soft Skills
Time management, Communication, Adaptability, Problem-solving, Teamwork, Creativity, Leadership

Frontend
React.js, Next.js, Remix, Tailwind CSS, ShadCN UI, Bootstrap, Zustand, Redux Toolkit, React Query (TanStack), React Hook Form, React Router, Vite

Dev Tools, CI/CD & Testing
Git, GitHub, Postman, Docker (basic), Turborepo, GitHub Actions, Jest, Cypress, Playwright, ESLint, Prettier, Lighthouse

📁 Projects

CSAPP, *Next.Js, Styled Components, GraphQL, ContextAPI* | 🔗
- Developed a multi-vertical platform to help Australian users compare broadband, energy, solar, and financial services.
- Built dynamic forms using React Hook Form with scroll-to-error and real-time validation.
- Integrated Adobe tracking and APIs for real-time lead capture and analysis.
- Designed and implemented modular, reusable form components.
- Integrated SEO features and reduced load time by 35% using lazy loading and CDN.

Harris AI, *Python | Flask | WebSockets | Voice APIs | Mistral LLM* | 🔗
- Constructed a real-time AI voice assistant backend using Flask and WebSockets for persistent communication.
- Connected with Mistral LLM to generate intelligent dialogue responses.
- Devised an animated UI that reacts to audio input/output for immersive interaction.

PharmEasy, *PostgreSQL | Express | Next.js | Node | Tailwind | Redux | React-Redux* | 🔗
- Built PharmEasy, a full-stack eCommerce medicine platform using Next.js, TypeScript, and Prisma ORM.
- Implemented real-time inventory tracking, cart flow, and secure order management.
- Designed a extensible PostgreSQL schema to support CRUD operations across products, users, and orders.
- Added SSR for SEO, and an admin dashboard for live product and inventory control.

🧩 Certifications

Full Stack Web Development • Masai School 🔗 | Cloud Computing Essentials • Coursera | Succeeding in Web Dev • LinkedIN Learning | Advanced Google Analytics • Google Analytics Academy | Data Analytics Virtual Experience • Forage