Abhinav Choudhary

cabhinav2005@gmail.com | 7893973353 | Github | LinkedIn | Twitter(X) | Portfolio

Summary

Full Stack Developer with hands-on experience in building and deploying end-to-end web applications

Education

PCE Nagpur   CGPA:- 8.02

B.Tech Information Technology   **Sep 2023 - Sep 2027**

Projects

SiteForge | Next.js, trpc, Clerk, NeonDB, Prisma ORM, Gemini API, Inngest,Tanstack Query, E2B sandbox, Typescript

Live | **Github**   **Aug 2025 - Sep 2025**

- Developed a web platform enabling users to create and manage websites 3x faster
- Integrated AI agent toolkit and component/app generation, reducing repetitive development tasks by 60% and enabling dynamic, real-time content updates.
- Built serverless backend with tRPC, NeonDB, and Inngest, supporting 100+ concurrent sessions and ensuring full-stack type safety.
- Enabled live project preview and E2B Sandbox, allowing safe testing and experimentation, decreasing deployment errors by 50%.
- Implemented Clerk authentication & billing, securing user data

Grocery | React.js, Node.js, Express.js, JWT Auth, MongoDB, ChatBot, Gemini API, React Context, Javascript

Live | **Github**   **Mar 2025 - Apr 2025**

- A grocery app connecting users directly with fresh, organic produce from sellers, eliminating middlemen. Offers full e-commerce features including cart, payments, real-time stock & price updates, and personalized recommendations.
- Implemented OCR-based shopping list recognition using Vertex AI, reducing manual entry by 70%.
- Integrated Chat assistant functionality, allowing users to add items like "5 kg onions" or "2 liters milk," and Budget list generation powered with AI, improving UX efficiency by 60%.
- Built a secure backend with Email and Phone OTP seller verification, ensuring trustworthy transactions without GST registration.
- All user, order, and product data is securely stored in MongoDB, enabling fast retrieval and scalable data management.

Yapper | React.js, Node.js, Express.js, JWT Auth, MongoDB, Zustand, Socket.io(WebSocket), Daisy UI, Tailwind

Live | **Github**   **Dec 2024 - Jan 2025**

- Built a real-time chat application supporting 100+ concurrent users with sub-200ms message delivery using WebSockets.
- Developed online/offline presence tracking and message queuing, ensuring 50% more reliable message delivery during network interruptions.
- Implemented secure JWT-based authentication and encrypted user management, protecting data privacy while enabling personalized experiences.
- Integrated media sharing, and notifications, boosting user engagement by 60% over standard chat systems.
- Optimized MongoDB storage for 100,000+ messages, maintaining high performance and low latency for chat history retrieval.

Technical Skills

Programming Languages: JavaScript, TypeScript, Java
Frontend: React.js, Next.js, TailwindCSS, Shadcn UI, Daisy UI
Backend: Node.js, Express.js, TRPC
Database and ORM: PostgreSQL, Mongo DB, Prisma ORM
Tools Core: Git, Github, Inngest, Clerk

Achivements

Top 8 out of 80+ teams in Central India Hackathon for developing a Grocery Web App that connects farmers directly with customers, integrating OCR-based shopping list uploads, AI-powered product matching, and e-commerce features.