Rana Dolui

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⊙ Hooghly, West Bengal 712416, India

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Golang
- **Frameworks & Libraries:** Next.js, React, Express.js, FastAPI, Flask, Django, Fiber
- **Databases & Baas:** PostgreSQL, MongoDB, SQLite, Firebase, Prisma, Drizzle, Redis, Convex, Supabase
- **DevOps & Cloud:** Docker, Kubernetes, AWS, CI/CD, Kafka, Cloudflare, Rabbitmq

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WORK EXPERIENCE

Full stack Developer | Saciva   **DEC 2024 - APL 2025**

At Saciva, I develop scalable web applications and design optimized APIs with efficient database management. I implement real-time web notifications using Redis and BullMQ. On the frontend, I build responsive interfaces with Next.js and TailwindCSS. I manage deployments using GitHub Actions, Render, and AWS (EC2, S3, load balancing, etc.).

PROJECTS

- **OmniAI:** Developed a full-stack AI platform where users can chat with any type of file or website via URL. Supports document uploads, OCR, and contextual Q&A using semantic search. Built with Next.js, Go/Fiber, FastAPI, PostgreSQL, Redis, Pinecone, Docker, gRPC, RabbitMQ, and LangChain
- **HireLens:** is an AI-powered platform that helps users improve their interview skills. Built with Next.js, Prisma, TypeScript, and Gemini, it offers personalized mock interviews, real-time feedback, and expert insights, making interview preparation more effective and confidence-boosting.
- **PeerDrop:** is a secure file-sharing tool that enables real-time, peer-to-peer transfers with end-to-end encryption. Developed using React, TypeScript, Go, and Gorilla WebSockets, it ensures fast, private, and seamless file sharing without relying on third-party servers.
- **khelratna:** A PWA built using Next.js, Flask, Clerk, Redis, and Supabase for managing our college cricket tournament. Features include authentication, live updates, and team management. Deployed on Vercel and Render
- **Snipity:** is a simple and efficient online code editor for creating and sharing code snippets. Developed with Next.js, Convex, Framer Motion, and Zustand, it provides a smooth user experience with an intuitive interface and instant sharing options.
- **MagicPad:** Is a creative tool inspired by Apple's drawing calculator. Using React, TailwindCSS, FastAPI, and Gemini, it lets users experiment with interactive drawing features, combining fun and functionality in a unique way
- **SendSnap:** is an offline file-sharing app similar to ShareIt. Built with NativeWind, React Native, and TCP, it allows users to transfer files seamlessly over local networks without needing an internet connection, making sharing fast and reliable.
- **PixForge:** A AI image generation app built with Expo, React Native, Express.js, and Hugging Face. It converts user prompts into high-quality images in real time, delivering a smooth and responsive experience across Android and iOS platforms.

EDUCATION

Tech in Computer Science Engineering –
Bengal Institute of Technology
September 2023 – July 2027