

Rana Dolui

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ABOUT ME

I'm Rana Dolui, a 2nd-year B.Tech student at Bengal Institute of Technology and a passionate full-stack developer. I love building scalable web and mobile applications, exploring Web3, and working with AI/ML. I enjoy solving real-world problems through technology and constantly learning new frameworks and tools. Apart from coding, I'm a huge cricket fan and love playing and watching the game.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Golang
- **Frameworks & Libraries:** Next.js, React, Express.js, Hono.js, Nestjs, FastAPI, Flask, Django, Fiber
- **Databases & Baas:** PostgreSQL, MongoDB, SQLite, Firebase, Prisma, Drizzle, Redis, DuckDB, Convex, Supabase
- **DevOps & Cloud:** Docker, Kubernetes, AWS, Vercel, Railway, Render, GitHub Actions, BullMQ, Kafka

WORK EXPERIENCE

Full stack Developer | Saciva

DEC 2024 - Present

At Saciva, I develop scalable web applications, design and optimize APIs, and manage databases efficiently. I implement real-time web notifications and enhance performance using Redis and BullMQ. On the frontend, I build responsive interfaces with Next.js and TailwindCSS, and I streamline deployment processes using GitHub Actions and Render.

PROJECTS

- **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.
- **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.
- **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.

EDUCATION

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

LANGUAGES

- English
 - Bengali
 - Hindi
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