

Rana Dolui

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 Hooghly, West Bengal 712416, India

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Go, 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, Argocd, Helm, AWS, CI/CD, Kafka, Cloudflare, Rabbitmq

WORK EXPERIENCE

Full stack Developer | Saciva

NOV 2024

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.).

React Native Developer | HumanEra Intelligence

MAY 2025 - SEP 2025

At HumanEra Intelligence, I developed a social media-type app using React Native and Expo. I followed a local database-first approach and explored techniques to keep the app alive in the background, implementing the necessary permissions for both Android and iOS. I also contributed to the backend, which was built with Express.js, GraphQL, and Prisma

PROJECTS

- **FlashORM:** A powerful, database-agnostic ORM built in Go that provides Prisma-like functionality, supports multiple databases, delivers raw performance, and offers type-safe code generation for Go, JavaScript, TypeScript, and Python up to 64x faster than Prisma.
- **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
- **AiResume:** AI-powered resume SaaS for generating resumes and cover letters, analyzing CVs, and producing ATS-friendly results. Includes an admin panel, user and plan management, Razorpay payments, and full role-based access control. Built with Next.js, Firebase, OpenAI, FastAPI, Razorpay, MySQL, Docker, and Nginx.
- **Proxyon** Developed a website that allows users to configure an API gateway or load balancer by connecting nodes (like n8n), enabling setup with just a few clicks. Built with Next.js, React Flow, TailwindCSS, Framer Motion, Go, Fiber, NATS, MongoDB, PostgreSQL, Docker, Nginx, S3, Terraform, and CoreDNS.
- **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 WebView-based application for hosting cricket tournaments and local matches. It includes an admin panel to manage users, tournament owners, captains, and more, with a robust role-based access control system. Built with Next.js, Socket.IO, Go, FastAPI, Supabase, Flutter, Redis, Docker, and Firebase.
- **Passman:** An ultra-secure password manager with end-to-end zero-knowledge encryption. It supports authenticator app-based verification, live session management, and a zero-trust mode that allows only a single active, IP-bound session to prevent session hijacking. Built with Svelte, FastAPI, Redis and PostgreSQL.

EDUCATION

Tech in Computer Science Engineering –

Bengal Institute of Technology

September 2023 – July 2027