# Rana Dolui

ranadolui718@gmail.com | +917029237256

◈ Rana718   🔗 rana-dolui   portfolio ranadolui.me

📍 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, Argocd, Helm, AWS, CI/CD, Kafka, Cloudflare, Rabbitmq

---

## WORK EXPERIENCE

**Full stack Developer | Saciva**                                           **NOV 2024 - JUN 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.).

**React Native Developer | HumanEra Intelligence**                          **MAY 2025 - SEP 205**

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 with multi-database support and type-safe code generation for Go, JavaScript, and TypeScript.
- **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 resume builder with step-by-step editor, templates, color themes, live preview, image upload, server-side PDF export, analytics, cloud storage, admin role-based access.
- **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 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
- **Graft:** Graft is a production-ready database migration CLI tool built with Go. It offers Prisma-like functionality with support for PostgreSQL, MySQL, and SQLite.  Smart migrations, automatic backups, and the ability to run raw SQL code.
- **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.

---

## EDUCATION

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

---