Gourav Thakur

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Skills

Languages: TypeScript, JavaScript
Frontend: React, Next.js, Tailwind CSS, Zustand, shadcn/ui
Backend: Node.js, Express, REST APIs, Server-Sent Events, WebSockets, WebRTC, Zod
Data & AI: PostgreSQL, Drizzle ORM, Redis/Valkey, Qdrant, LangGraph
Infrastructure: Docker, Cloudflare R2, Linux, Coolify

Work Experience

Solopreneur Feb 2026 – Present
Independent software development *Kolkata, India*

- Built and launched SkrinAI, an AI-powered design tool with prompt-based generation, a layered editor, brand kits, and image editing.
- Developed the product end to end: AI workflows, subscription billing, usage controls, cloud storage, deployment, and monitoring.
- Built Kommunity, a Discord-like community and messaging application with a web backend and Expo mobile client.

Jr. Full Stack Developer Apr 2025 – Jan 2026
Xconics *Full-time*

- Built and delivered 10+ internal and client-facing software solutions in collaboration with the mobile development team.
- Reduced a short-polling response payload by approximately 95%.
- Developed an altitude-based algorithm for counting workout repetitions from IoT sensor data.
- Built tools for inventory, billing, device allocation, and manufacturing cost calculations; helped turn an asset-tracking proof of concept into a client project.

Full Stack Developer Intern Dec 2024 – Mar 2025
Xconics *Internship*

Projects

SkrinAI skrinai.com
AI-powered design tool *Live website*

- Built a multi-page design editor durable AI agent with editable layers, manual layout controls, undo/redo, brand kits, and PNG, JPEG, and PDF exports.
- Implemented an AI design workflow with validated canvas operations, image analysis and generation, previews, approval, and recovery of interrupted requests.
- Built with Next.js, TypeScript, Node.js, Express, PostgreSQL, LangGraph, Valkey, Docker, and Cloudflare R2. Monorepo with Turborepo

Kommunity
Community and messaging application

- Built a Discord-like app with horizontally scalable video and audio calls with WebRTC and chat with websockets, communities, rooms, messages, attachments, and an Expo dev mobile client.
- Used React Native Expo dev client, TypeScript, Node.js, PostgreSQL, Drizzle ORM. Redis/Valkey

Education

Self-taught Software Developer
Independent study and hands-on projects