Srijit Ghosh

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CommSync on the App Store

Product Engineer · Remote · overlaps US and EU hours

Open to full-time or contract · Can work as an independent contractor or through an EOR

Profile

Product engineer who ships whole products alone. I designed and built CommSync, an AI inbox for email and SMS, across web, iOS, backend and infra. I also run about 50 AI agents in production, with RAG, long-term memory and search, tuned for cost. I work AI-first with Claude Code and Cursor.

Experience

CommSync ↗ · Cofounder & CTO — Launched Aug 2026

AI inbox for email and SMS. Sole engineer. **Winner, Google All Things Agentic Hackathon** ↗

- Designed and built the whole product alone across web (Next.js), iOS (Expo) and a Bun backend. **2,500+ commits**, **600+ PRs**, **~300 users**, **~500K messages** handled.
- Shipped **~20 App Store releases** with native tabs, Liquid Glass, StoreKit subscriptions and self-hosted signed over-the-air updates.
- Built the AI core. An Ask agent with 21 tools, reply agents with draft, supervised and auto modes, a Daily Brief, and an MCP server that ChatGPT and Cursor connect to.
- Put 10+ channels in one inbox, including Gmail, Outlook, Twilio, RingCentral, Quo and Aircall, plus a kit for third-party texting providers.
- Built the RAG layer, with hybrid search on pgvector and BM25 and an OCR pipeline for attachments. Runs on arm64 EC2 behind Cloudflare Tunnel with no open inbound ports.
- Kept LLM costs low with a model pinned per feature on OpenRouter and USD metering on every AI call.
- Made the design system and the WebGL marketing site.

Contract engineering · Engineer, contract — Mar 2025 – Present

AI products, agentic automations (n8n and custom) and tools.

- Run **~50 AI employee bots** in production on a fork of Nous Research's hermes-agent, with browser login and 2FA takeover, long-term memory and a self-hosted iMessage gateway. Sole developer.
- Built an AI cold-calling platform that has placed **~50K calls**, with Google Maps lead enrichment, ElevenLabs batch calling, multi-tenant billing and post-call analysis.
- Built an SEO and content autopilot that publishes **~200 posts a month** across **~20 WordPress sites**, about the work of 3 to 4 full-time writers.
- Shipped **20+ sites and apps**, plus an email-marketing agent, an AI front desk, a self-service storefront and WooCommerce plugins.

Side projects

untell ↗	Gives coding agents eyes for video. Records each film, runs **122 checks** on every frame and the sound, and names each fix. Open source, on npm. Remotion, HyperFrames
Million ↗	Browser spreadsheet engine from scratch. **1M rows**, **4M live formulas**, one-cell edits in **3 µs**, and a build **400x faster** than HyperFormula. Web Workers
Blackbox ↗	Flight recorder for AI agents. Prices every LLM call and finds the waste. Next.js

Stack

Languages	TypeScript, JavaScript, Swift, Kotlin, Python, SQL
Frontend	React 19, Next.js 16, Tailwind, shadcn / Radix, Motion, GSAP, Three.js, WebGL shaders
Mobile & desktop	Expo, React Native, Reanimated, Skia, StoreKit, OTA updates, SwiftUI, AppKit, Android
Design	Figma, design systems, motion design, Remotion
AI and agents	Agent harnesses, RAG, long-term memory, hybrid search, MCP, n8n, OpenRouter, Vercel AI SDK, Playwright, LLM cost control
Backend	Bun, Node.js, Postgres, pgvector, Prisma, Redis, Stripe
Infra	AWS (EC2, S3, KMS, CloudFormation), Cloudflare (Tunnel, Access, Workers), Docker, GitHub Actions, Blacksmith, Vercel, Proxmox, Linux, PostHog

Community

- **CodeDay** · Regional Manager. Ran a 12-hour event with 15 volunteers and 60+ students. — 2022 – 2024
- **Hack Club** · Community team. Helped run hackathons for 15,000+ student coders. — 2021 – 2025

Education

ISC, Class 12 · 97% · Self-taught engineer since 2020