Sarthak Kundu

Full Stack Developer

Contact

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itsdrvgo.me

itsdrvgo

Highlights

- Designed an **efficient search algorithm** for an e-commerce platform using **FTS and custom optimization**, delivering fast and accurate results.
- Integrated **Redis, Supabase Postgres and Drizzle ORM** into production workflows, enhancing performance, scalability, and security.
- Spearheaded adoption of modern web and **AI tools**, **driving a 75% increase** in **user engagement and streamlining development** workflows.

Skills

Languages: TypeScript, JavaScript, Python, Go (Basic)
Frameworks & Libraries: Next.js, React, Node.js, Express, Bun, FastAPI, Hono, Socket.IO, TRPC, Puppeteer
Databases: PostgreSQL, MongoDB, Supabase, MySQL, Redis
ORMs & Query Tools: Drizzle ORM, Prisma
DevOps & Cloud: Docker, AWS (S3, EC2), Vercel
AI & LLMs: LLaMA 3.1 (GGUF), Langchain (Basic), HuggingFace, OpenAI API
Styling & UI: Tailwind CSS, ShadCN UI, Framer Motion, HTML5, CSS3, NextUI, nuqs
Auth & Security: Clerk, JWT, OAuth2

Languages

- English (Fluent)
- Bengali (Native)
- Hindi (Professional)

Education

Bachelor of Science (Microbiology) 2020 - 2023

T.H.K. Jain College (under University of Calcutta)

- **GPA:** 7.03 / 10
- **Relevant Coursework:** Cellular & Molecular Biology, Immunology, Genetics

Experience

Full Stack Developer 2025 - present

koonei (aka "eSalesOne")

- Integrated **sticky.io** with **Shopify** to support and manage **subscription-based** payments.
- Contributed to building and maintaining **frontend** and **backend** modules using **Next.js**, **Node.js**, **TailwindCSS**, and **PostgreSQL**.

Software Developer 2025 - 2025

FractalHive Inc.

- Assisted in building **backend** modules using **TypeScript**, **Hono**, and **Drizzle ORM** within a **microservice** architecture.
- **Collaborated** with the **core team** on internal tooling and improving **developer workflows** through modular code practices.

Full Stack Developer (Intern) 2024 – 2025

kiwemedia

- **Modernized Frontend Stack** using Tailwind CSS, ShadCN UI, and AI tools like v0.dev, **cutting design-dev sync time by 60%**.
- **Led Innovation:** Implemented performance-optimized patterns **reducing load times by 50%** and boosting **user engagement by 75%**.

Projects

Artist Inspiration Academy 2026

Tech Stack: Next.js, TypeScript, Turborepo, PostgreSQL, Drizzle ORM, Redis, Resend, UploadThing
Impacts:

- Built a **monorepo-based** course platform with a public website and a full-featured **admin dashboard**.
- Developed **booking**, **notification**, and **media-management** systems with automated **email workflows**.
- Engineered shared **packages** for **database**, **caching**, **authentication**, and **React Query** to streamline scalability and code reuse.

SubTrack 2026

Tech Stack: Next.js, TypeScript, PostgreSQL, Drizzle ORM, Tailwind CSS, React Query, Resend, JWT
Impacts:

- Built a recurring finance tracker supporting **subscriptions**, **EMI payments**, and **savings deposits**.
- Implemented **automated renewal reminders** and **cron-based** workflows with reliable **email notifications**.
- Developed **multi-currency budgeting** and **spending analytics** with normalized monthly cost calculations.

Renivet Marketplace 2024 – 2025

Tech Stack: Next.js, tRPC, PostgreSQL, Drizzle ORM, Redis, Clerk, UploadThing, Sharp
Impacts:

- Engineered a scalable e-commerce platform enabling businesses to **manage digital assets** with **speed** and **security**.
- Reduced image load times by **35% with real-time optimization** using **Sharp** and **UploadThing**.
- Delivered seamless **UX via Next.JS App Router** and **server-side rendering** enhancements.