

Shanto Islam

Full-Stack Software Engineer

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SUMMARY

Backend-focused full-stack engineer building multi-tenant SaaS, data layers, and AI features. Owned architecture from zero on two products and shipped platform services — SSO, order orchestration, payments — used daily across North America, Europe, and Bangladesh. TypeScript and PostgreSQL by default; Go or Python when the problem calls for it.

EXPERIENCE

Founding Engineer, Mohajon

2025 – Present

AI unified inbox and CRM for merchants · mohajon.app

- Own backend architecture, system design, and the API layer, built from zero for a multi-channel messaging product.
- Built an agentic AI pipeline that answers pricing, stock, and order questions in Bangla, escalates to a human when confidence drops, and detects bKash and Nagad payments.
- Designed the tenant-isolated data model for teams, conversations, and catalogs across six channels — WhatsApp, Messenger, Instagram, Telegram, email, and web chat.

Backend Engineer, Galaxy Digital

2024 – Present

Get Connected, volunteer management SaaS · galaxydigital.com

- Build and maintain core backend services powering volunteer programs for nonprofits, healthcare systems, and enterprise CSR teams across North America.
- Designed and shipped a single sign-on authentication service now used platform-wide.
- Own delivery across the scheduling, hour tracking, and reporting domains customers operate on every day.

Founder & Engineer, T2 Shop

2024 – Present

API-first hybrid commerce platform · t2-shop.com

- Designed and shipped the platform solo — backend, public API, admin, and embeddable storefront widgets.
- Implemented multi-store workspaces with tenant-safe isolation, per-store API credentials, split fulfillment, POS, and an offline ledger alongside Stripe payments.
- Published an OpenAPI-documented public API and Shadow DOM-isolated cart widgets that embed in third-party sites.

Lead Backend Engineer, iFLOW

2023 – 2024

Print360, print production orchestration for European suppliers

- Led backend for a platform connecting major European print suppliers — Flyeralarm, Saxoprint, Flyerdevil — to hundreds of independent storefronts.
- Built the centralized product and variant configuration system for complex print attributes: formats, finishes, quantities, and per-supplier production rules.
- Designed the multi-tenant store architecture and order orchestration that routes each order to the correct supplier pipeline automatically.

SKILLS

Languages: TypeScript, Go, Python, SQL, PHP, Bash

Backend: Node.js, Hono, NestJS, Express, FastAPI, REST, GraphQL, gRPC, WebSockets

Data: PostgreSQL, Redis, MySQL, MongoDB, Kafka, Drizzle, Prisma

AI: OpenAI, Anthropic, Gemini, LangChain, RAG, agents, MCP, Ollama

Cloud & Ops: AWS, Cloudflare, Docker, Kubernetes, Terraform, GitHub Actions, Nginx, Linux

Frontend: Next.js, React, Astro, Tailwind CSS

EDUCATION

Mathematics — university coursework, Bangladesh. Self-taught software engineering in parallel since 2017.

WRITING

Essays on database performance, service boundaries, and deployment pipelines — ishanto.com/posts