

ISLOMBEK

Full-Stack Engineer

https://islamin.tech Seoul, South Korea

CONTACT

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Islombek Ergashev

SKILLS

Languages
TypeScript · JavaScript · Python · SQL

Frontend
Next.js · React · Tailwind CSS · MUI · Apollo Client

Backend
NestJS · Node.js · Express · FastAPI · GraphQL · REST

Database
MongoDB · PostgreSQL · Redis (BullMQ) · SQLite

DevOps
Docker · nginx · GitHub Actions · Railway · Vercel

AI & Automation
LLM integration (OpenAI · Anthropic · Groq · Gemini) · Playwright

EDUCATION

B.S. Artificial Intelligence
Kookmin University | 2025 - 2028
GKS Scholarship · Mar 2025 - Feb 2028

Korean Language Center
Kookmin University | 2024 - 2025
GKS Scholarship · Mar 2024 - Feb 2025

CS50x: Introduction to Computer Science
Harvard University (edX) | Completed

LANGUAGES

- Korean (fluent)
- English (fluent)
- Russian (fluent)
- Uzbek (native)

ABOUT ME

Full-stack engineer and AI undergraduate in Seoul, two years into building production software in TypeScript and Python: NestJS/GraphQL APIs, Next.js frontends, MongoDB, Docker deployments, and LLM integration with hosted and open-source models. I've founded three multilingual platforms now serving real customers in Korea and Uzbekistan, and shipped a fourth for an employer.

EXPERIENCE

Founder & Engineer — 2026 – Present
Independent Products

Vivora (vivora.kr) QR-code restaurant ordering platform, live in 8 restaurants across four languages.
Built the full order path from table to kitchen display, plus a custom local print agent bridging cloud orders to on-premise thermal printers.
Qalqon (qalqon-safe.uz) Telegram anti-spam and moderation bot in Python on a strict MVC architecture.
Detection runs as a cost ladder: cheap keyword and link checks first, LLM classification only when it changes the outcome, keeping per-message inference cost near zero at volume.
SQLite with WAL, a FastAPI dashboard behind nginx, and non-root Docker deployment.
Run both products end to end: infrastructure, releases, customer onboarding and support.

Full-Stack Engineer — Mar 2026 – Aug 2026
HM Group

Built and shipped AutoAuction (autoauction.kr), a Korea-to-worldwide used-car export marketplace, in four languages.
Implemented public VIN verification so overseas buyers can confirm vehicle history independently before committing to an export.
Modelled the export pipeline end to end listing, inspection, payment and shipping status so buyers abroad can track a vehicle after purchase.
Designed a gamified community points system to drive repeat engagement from an infrequently transacting buyer base.
Delivered a full admin dashboard covering listings, inventory and the end-to-end export workflow.
Modelled listings, VIN reports and admin copy for translation from one source rather than duplicating content per language.

Full-Stack Engineer — Aug 2025 – Sep 2026
Discovery Group

Own the full stack: NestJS/GraphQL APIs, Next.js frontends, MongoDB, deployed via Docker and nginx on a dedicated VPS.
Founded and built K-Apply (k-apply.uz), a four-language platform for Central Asian students applying to Korean universities — sole engineer end to end.
Modeled a live database of 70+ Korean universities covering majors, tuition, scholarships and multi-round GKS application periods.
Built the role-based admin panel agency staff use to manage applicant records and track each application through its rounds.
Built a Dockerized Playwright service verifying visa status against visa.go.kr on demand, with applicant passport numbers encrypted at rest (AES-256-GCM).
Release against fixed GKS admissions deadlines rather than internal sprints, so the platform is stable when application windows open.

Intern Full-Stack Developer — Jan 2025 – Jun 2025
Ilm Plyus Education Center · Andijan

Built the center's first CRM from scratch: student records, enrollment, and family communications.
Replaced an entirely manual workflow, cutting administrative time by roughly 50%.
Worked directly with center staff to shape requirements and trained them on the system after handover.