



ISLOMBEK

Full-Stack Engineer

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

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.

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.

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.

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.