



Murod Mirzaliev

Full Stack Developer
focused on AI products,
scalable backends, and
cloud infrastructure

Contact

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Languages

- English Fluent
- Korean Fluent

Visa Status

- E-7-1 전문인력비자

Skills

LANGUAGES: TypeScript, JavaScript, Python, Go, Java, Bash, SQL

FRONTEND: React, Next.js, Tailwind CSS, REST API Integration, Responsive Design, TanStack Query, Zustand, XState, React Hook Form, Zod, shadcn/ui, MUI, Framer Motion, Storybook, Playwright, Vitest/Jest, Vue.js, Nuxt.js, Svelte, PWA, SSR/SSG, Web Accessibility (WCAG), i18n

BACKEND: Node.js, NestJS, FastAPI, Express, REST API Design, JWT/OAuth2, PostgreSQL, GraphQL, WebSocket, Prisma, TypeORM, SQLAlchemy, Redis, BullMQ/Celery, Pydantic, Mongoose, gRPC, Rate Limiting, OpenAPI/Swagger

DATABASES: PostgreSQL, MySQL, MongoDB, Redis, SQLite, pgvector, MinIO, Query Optimization, Indexing, Database Migrations, Connection Pooling

AI & ML: RAG, Prompt Engineering, OpenAI API, Embeddings, LangChain, Gemini API, Langfuse, AI Agent Workflows, MCP, Vector Search, Fine-tuning

DEVOPS & CLOUD: Docker, GitHub Actions, Linux, CI/CD, Cloudflare, AWS (EC2, RDS, S3, CloudFront, Route53, Lambda, ECS), Nginx, Terraform, Sentry, Prometheus/Grafana, CloudWatch, Caddy

Work Experience

Backend Developer

WizPlus | Seoul, South Korea

September 2025 - Present

- Architected Poolim, an AI election consulting platform with 211 API endpoints and a multi-stage RAG pipeline, analyzing voter sentiment across 17 Korean regions via 500+ RSS sources, Naver, YouTube, and government APIs
- Built WizAI, a municipal digital signage platform – 83 API endpoints, real-time SSE updates, multi-tenant isolation, ClamAV file scanning, and Prometheus/Grafana monitoring
- Engineered distributed job queues for both platforms with retry logic, stale-lock recovery, 12 scheduled jobs, and webhook-based AI service integration
- Deployed and manage full AWS production infrastructure (EC2, RDS, S3, CloudFront) with Docker, Traefik auto-TLS, and GitHub Actions CI/CD
- Integrated 13+ external services including Gemini AI with 18-key rotation, Kakao AlimTalk, Naver Trends API, YouTube Data API, and automated subscription billing

Frontend Developer

ICLO | Seoul, South Korea

June 2025 - August 2025

- Built the Orthodontic Diary module from scratch for HomeDen, a B2B clinic platform serving dental practices nationwide
- Developed a white-label homepage generator with custom URL slugs, enabling each clinic to independently manage branded pages
- Integrated PortOne v2 payments with robust error handling for edge cases
- Delivered fully responsive legal pages (ToU, Privacy Policy, User Guide) across all device sizes
- Wired all frontend features to REST APIs via TanStack Query; managed complex UI state with XState and Zustand

Education

Bachelor's degree at Youngsan University

Sep. 2021 - June 2025