

Murzamidinov Aziyat (Azi)

🌐 [Portfolio](#) in [LinkedIn](#) 🐙 [GitHub](#) ✉ aziyatalik4@gmail.com ☎ [+82 10-4412-3419](tel:+821044123419)

WORK EXPERIENCE

Redbrick Inc

Seoul, South Korea

Core Software Engineer – AI Applications/LLM

Feb 2025 – Present

- One of the core engineers behind Redbrick's AI-to-app platform, generating \$30K revenue in the first 3 months.
- Designed and deployed AI agents across gaming, ed-tech, and Web3 domains using LLMs, RAG, and multi-modal architectures.
- Architected an AI-to-game engine enabling dynamic in-game narratives and behaviors, reducing manual scripting by 40%.

Full-Stack Engineer

Oct 2024 – Jan 2025

- Enhanced Redbrick's education platform by doubling 3D OOB content, securing first 3D sales with Daekyo.
- Built a modular ranking system with a customizable UI/UX, cutting project integration time by 30% and standardizing deployments.

KROSS Finance Korea

Seoul, South Korea

Software Developer

Oct 2022 – Sept 2024

- Collaborated with a multinational team to build a financial ecosystem integrating investor, borrower, and admin platforms, doubling user engagement in one year.
- Developed a secure API proxy for cross-service communication on private networks, improving reliability and uptime.
- Automated loan verification workflows, reducing manual review by 50% and accelerating approvals.
- Optimized investment performance by implementing Server-Sent Events, eliminating loan-hanging issues and increasing throughput.

Next-generation Networks and Systems Lab

Ulsan, South Korea

Network Systems Intern

Sep 2020 – Feb 2021

- Explored edge-computing offloading using Mellanox SmartNICs in high-performance clusters.
- Configured SmartNICs, deployed workloads, and benchmarked system-level performance impact.
- Implemented custom packet-processing pipelines, improving data throughput by 12%

OnSquare

Seoul, South Korea

Software Developer Intern

June 2020 – Aug 2020

- Refactored platform navigation and modularized software using Redom.js, D3.js, Three.js, and WebAssembly.
- Developed a photo editor with image resizing, color adjustment, and filter features, and a music player, audio visualization, and playback controls.

EDUCATION

Ulsan National Institute of Science and Technology (UNIST)

Bachelor of Science: Computer Science and Engineering & Finance and Accounting

SKILLS AND LANGUAGES

- **Programming Languages:** JavaScript, C/C++, Python, R
- **Web Application Development:** React, Next.js, Node.js, NestJS, Express.js, REST APIs, WebSockets, Server-Sent Events (SSE), PostgreSQL, MySQL, MongoDB, Redis, Firebase, ORM (Prisma, TypeORM)
- **AI/ML:** Large Language Models (LLMs), Retrieval-Augmented Generation (RAG), Multimodal AI, TensorFlow, PyTorch, Hugging Face Transformers, Pandas, NumPy, Jupyter
- **Systems, Cloud Security:** Docker, AWS (EC2, S3, Lambda, Nitro Enclaves), CI/CD (GitHub Actions, GitLab CI), Nginx, Reverse Proxies, SmartNICs (Mellanox), Edge Computing, Secure API Proxies, Authentication/Authorization (OAuth2, JWT), TLS/SSL
- **Soft Skills:** English (Professional), Korean (Intermediate); Strong communication, teamwork, problem-solving, and collaboration skills