Juhee Lee,
Software Engineer

Contact

LinkedIn

Github

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Skills

- Java, Kotlin
- Spring Boot
- MySql
- Redis
- Kafka
- GCP
  - IamPolicy
  - Compute Engine
  - Load Balancer
- NCP
  - Server
  - Load Balancer
  - RDS
  - Redis
  - Object Storage

Languages

- Korean
- English

Work Experience

Iqoocca Backend Developer

AUG 2024 - NOV 2025

- Reduced weekly batch processing time from 6 hours to 5 minutes (72x improvement) by restructuring logic to filter qualifying users upfront, eliminating N+1 queries and implementing batch inserts

- Built Kafka-based relay server to handle high-volume financial data transmission between NH Securities and internal systems, implementing RSA+AES dual encryption and DLQ, achieving 99.9% reliability with zero message loss

- Resolved 1+ hour incident analysis bottleneck by implementing Datadog monitoring with automated alerting and log optimization, reducing troubleshooting time to 10 minutes while cutting operational costs by 50%

- Developed virtual account service from scratch to enable payment processing, implementing column-level encryption and event-driven architecture, successfully launching compliant system handling thousands of accounts

Education

Chung-ang University Bachelor of Philosophy

3.9 / 4.5
MAR 2019 - AUG 2024

- Completed relevant coursework: Data Structures, Computer Architecture
- Award for research on AI consciousness through Buddhist philosophy
- Philosophy Department Student Council Member
- President of Traditional Archery Club - Led team of "Ssonsal" members, organized events and managed club operations

Open Source & Community

Kestra Workflow Platform Contributor

- Contributed afterSQL feature implementation for JDBC triggers to prevent infinite database polling loops
- Solved infinite loop problem in JDBC triggers by implementing afterSQL execution feature
- Ensured transaction atomicity by combining query execution and state updates
- Enhanced reliability for production workflows across multiple major database systems

Community Engagement

- KSUG (Korea Spring User Group) staff member
- Volunteered at Foss For All in tech conference
- Preparing technical workshop presentation for YouthCon 2025
- Active participant in tech conferences: K-DevCon, DevFest, Dan25