

# 정겨울(Winter Jung)

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## Banksalad

2018.11–2023.09, Seoul

### Senior Software Engineer, Server Chapter Lead

2022.01–2023.09

- Contributed 15+ packages **as the first committer** to an in-house Go library used by 50+ repositories.
- Over 3 years, developed a gRPC project generator, an IDL repository (a company-wide API interface repo based on Protocol Buffers), and a DDL repository (a DB schema repo).
- **Reviewed 10K+ Github PRs** across 120+ repositories. Consistently **ranking #1** in code reviews annually. Reviewed technical specifications for 20+ server engineers, ensuring code quality and optimal implementation.
- **Reduced p99 latency by 90%**, queries by 95% and RDS CPU peak by 15%p for the core service that performed 260M queries/day by adding Redis and in-memory cache layer.
- **Reduced monthly costs by 80%** by migrating a single MySQL table with 70TiB and 26 billion rows into AWS Athena.
- Over 2 years, **shut down 16 legacy services** and removed 250+ legacy API endpoints.
- Planned and operated the server chapter onboarding process for over two years.

### Software Engineer

2018.11–2021.12

- **Participated as a tech lead** in the MyData server development project, handling **100M daily traffic from 250+ financial companies**. Managed performance improvements and issue resolutions for over 2 years.
- **Migrated 130+ self-hosted Kubernetes services** to AWS EKS with **no downtime** to comply with MyData security requirements.
- Decomposed 200+ monolithic legacy APIs built on Python, MongoDB into **15 microservices based on Golang, MySQL, and gRPC with dual-write and shadowing**.<sup>1</sup>
- Increased the financial card company integration by 318% and the Korea-government tax service integration by 868% by developing the year-end tax reconciliation algorithm.
- Built a new ChatOps CI/CD pipeline, **reducing deployment steps by 80%** and **increasing production deployments by 400% per week**.
- Built a zero-downtime deployment system based on VMs and L4 switches in a private cloud IDC using Packer and Ansible.
- Established a company-wide Python style guide.<sup>2</sup>

## Atlas Labs

2018.03–2018.09, Seoul

### Software Engineer

- Developed a Telegram bot to process voice data asynchronously for improving STT.
  - Developed a Python RESTful API using AWS ECS, websocket and a message queue.
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## Extracurricular

- Banksalad tech blog posting 『[Production ready gRPC in Golang](#)』
- Banksalad tech blog posting 『[Banksalad Golang coding convention](#)』
- 2019 PyCon Korea speech 『[Why is Python 3.7 fastest](#)』

## Education

### Hongik Univ.

2014–2024, Seoul

*Bachelor of Science in Urban Engineering*

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<sup>1</sup> [How Banksalad decomposes legacy services](#)

<sup>2</sup> [GitHub PR reference](#)