Yang Hyojeong

Software Engineer
Solution-driven developer with 5+ years of experience in scalable web applications, system architecture, and performance optimization.

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Professional Summary

- **Architected and optimized** large-scale web services, achieving up to 30% performance improvement across multiple stacks.
- **Drove** user-centered development initiatives by collaborating with cross-functional teams (product, design, marketing).
- **Modernized** legacy systems through strategic migration and architecture redesign.
- **Engineered** scalable, high-performance solutions for data-intensive applications.
- **Led** full development lifecycles from concept to production with minimal supervision.

Technical Expertise

- **Languages:** Python (Advanced), TypeScript/JavaScript (Advanced), Ruby (Intermediate)
- **Backend:** Django, DRF, NestJS, Ruby on Rails
- **Frontend:** SvelteKit, Next.js, React
- **Databases:** MySQL, PostgreSQL
- **Cloud/DevOps:** AWS (EC2, RDS, S3, ECS, ELB), Git, CI/CD pipelines
- **Testing:** Jest, Pytest, TDD
- **Methodologies:** Agile, AI-assisted development (ChatGPT, Copilot)

Professional Experience

Mediquitous Full Stack Software Engineer 2022.10 - present

Skill Set | Python, Django, Django Rest Framework, SvelteKit, Next.js

Nugu - Japan Fashion Platform

- **Optimized** admin product page performance by 75% (12s → 3s), dramatically improving operational workflow efficiency

- **Engineered** data consistency verification algorithms during critical point system migration, eliminating discrepancies
- **Streamlined** coupon benefit logic with strategy pattern, reducing implementation time by 60%
- **Architected** scalable MSA-based admin systems for both internal employees and external sellers
- **Implemented** A/B testing functionality for banner management leading to 15% conversion rate improvement
- **Launched** seasonal event games that acquired 4,000+ new users per campaign
- **Built** AWS infrastructure monitoring dashboard reducing incident response time by 40%

SellerNote NestJS Back-End Developer 2021.10 - 2022.09

Skill Set | TypeScript, NestJS, MySQL

[Import Logistics and Forwarding platform](#)

- **Enabled** bulk Excel uploads for shipment system, significantly improving user efficiency
- **Led** microservice architecture implementation to improve system modularity and scalability
- **Designed** automated quotation request system connecting internal systems with external shipping APIs
- **Integrated** multiple e-commerce platforms (Coupang, cafe24) reducing order processing time by 50%
- **Optimized** large file processing (50MB+) with robust validation to ensure data integrity

Petner Ruby on Rails Back-End Developer 2021.01 - 2021.10

Skill Set | Ruby on Rails, Sidekiq, PostgreSQL

[Pet sitting Reservation Platform](#)

- **Redesigned** pet sitter settlement system streamlining accounting processes across the platform
- **Developed** configurable fee and bonus administration tools eliminating need for code changes during policy updates
- **Automated** pet sitter recruitment process reducing processing time by 50% and improving applicant experience
- **Implemented** advertising material generation system improving marketing team

efficiency by 70%

- **Built** asynchronous task processing system using Sidekiq enhancing platform stability
- **Introduced** TDD methodology reducing bug occurrence by 40% and improving overall code quality
- **Created** targeted bulk coupon delivery system increasing marketing conversion rates

Education

Korea National Open University — B.S. in Computer Science 2022 - present

Chikushi Jogakuen University Language Exchange (Japan Fukuoka) 2018.09-2019-02

Dong-A University — B.S. in MIS 2015.03-2020-02

Languages

Korean - Native

English - Intermediate

Japanese - Fluent