Yang Hyojeong

Web Programmer
A solution-driven developer with expertise in scalable web applications and performance optimization.

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Professional Summary

- **Architected** and optimized large-scale web services resulting in 30% performance improvements across multiple technology stacks
- **Spearheaded** user-centered development initiatives through cross-functional collaboration with product, design, and marketing teams
- **Transformed** legacy systems through strategic migration and modernization of codebase architecture
- **Engineered** high-performance solutions for data-intensive applications with focus on scalability and maintainability
- **Managed** complete development lifecycles independently from concept to production deployment

Technical Expertise

Programming Languages
- Python (Advanced)
- TypeScript/JavaScript (Advanced)
- Ruby (Intermediate)

Frameworks & Libraries
- Backend: Django, Django REST Framework, NestJS, Ruby on Rails
- Frontend: SvelteKit, Next.js, React

Database & Infrastructure
- Databases: MySQL, PostgreSQL
- Cloud: AWS (EC2, RDS, S3, ELB)
- DevOps: Git, CI/CD pipelines

Testing & Methodologies
- Jest, Pytest
- Test-Driven Development
- Agile development practice

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
- **Redesigned** coupon benefit logic using strategy pattern, reducing new coupon implementation time by 60%
- **Developed** real-time fraud detection system resulting in 80% reduction of fraudulent transactions
- **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
- **Created** seasonal event games driving acquisition of 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](#)

- **Transformed** shipment system from single-item to bulk Excel upload, significantly enhancing user experience
- **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 Computer Science 2022.09 -

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

Dong-A University Management Information System 2015.03-2020-02

Languages

Korean - Native

English - Intermediate

Japanese - Fluent