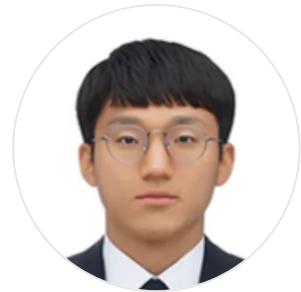


# Full-Stack Engineer Jin Hwan



Aspiring full-stack engineer with extensive development experience, capable of quickly learning and flexibly adapting to new environments.

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📄 블로그

⊕ <https://resume.allmightyguy.com>

## About

- Full-stack engineer with hands-on experience in web, app, AI Agent, and other projects.
- Actively utilize Claude Code.
- Extensive use of various tech stacks including Django, FastAPI, and Flutter, centered on Node.js (Nest.js) backend development.
- Experience in infrastructure construction and operation through Docker containerization and various cloud providers such as AWS, GCP, Cloudflare, and NCP.
- Experience in stable service operation through load testing and test code.
- Through the above experiences, I have the ability to quickly digest new technologies and environments.

## 🛠 Skills

- Backend**
- javascript, Typescript / NestJs
  - java / spring boot
  - python / Django, FastApi
  - kafka, rabbitmq

- Frontend**
- React, NextJs, Astro

- DB**
- postgresql, mssql, mysql
  - mongoDB
  - Redis

- DevOps**
- AWS : ec2, ALB, autoscaling, NAT gateway, RDS, Cloudfront, CloudFormation, route53, S3 etc...
  - GCP
  - Docker, CI/CD( Github action )
  - cloudflare

- mobile**
- dart / flutter( ios, android )

# Work Experience



**Eeboon Inc.**    March 2025 - October 2025

**AI-based UX writing automation platform for major financial institutions including NH, Samsung, and Hanwha.**

**Full-stack development and maintenance of all company products**

- Client web application development and maintenance
- Admin dashboard development and maintenance
- Translation API provision to external partners and maintenance
- Figma Plugin maintenance
- New CI/CD implementation and maintenance for entire product suite

**Nest.js**    **FastApi**    **React**    **AWS**    **CI/CD**    **Docker**    **styled-components**    **antd**  
**Figma plugin**

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**Refactored operating environment to improve maintainability**

Improved visibility and maintainability of the operating environment by organizing unnecessary code, repositories, AWS cloud resources, and internal documentation.

**Github**    **AWS**    **MongoDB**    **Notion**

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**Reduced API response time**

- Reduced response time of translation API from 3 minutes to within 8 seconds by identifying and removing unnecessary logic
- AI model serving server (FastAPI) optimization through instance type cost/performance comparison + INT8 quantization experiments: 24s → 4s
- Found that morphological analyzer (mecab) was using cold start → changed to hot start approach
- Changed text embedding from parallel processing → batch processing after checking server specs, reducing time by ~3 seconds

**Performance Optimization**

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**Newly developed PPT file text rewriting feature**

- Analyzed ECMA-376 Office Open XML file formats documentation
- Analyzed internal structure of pptx-automizer library
- Confirmed that duplicate elementId (name element of <p:cNvPr> tag) cannot be modified in the library
- Added logic to enable multi-element modifications

**openXml**    **typeScript**    **Nest.js**    **FastApi**    **Python**    **Performance Optimization**

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**Implemented AI model serving server**

- Improved maintainability by analyzing structural issues and refactoring code structure based on modularization and layered architecture to address increasing complexity due to feature expansion in single API-based service
- Improved operational efficiency by optimizing Docker Compose + ECR environment to minimize image build and deployment time.

**FastApi**    **Python**    **Docker**    **AWS ECR**    **Architecture**



Withuscpa February 2025 - March 2025

## Tax accounting SaaS 'WATT' provider

### Tax accounting SaaS backend development

Implemented and modularized business logic reflecting various calculation rules (deduction items, ratio calculations, amount range conditions, etc.).

Nest.js

TypeScript



Bymisslim September 2024 - November 2025

## On-site fitting room reservation service (outsourced development)

### Backend Server Development

Developed backend server with Python/Django, handled REST API with DRF, implemented login and reservation-related CRUD. Improved customer convenience with SmartStore crawling.

Python

Django

DRF

Web Crawling

### Flutter App Development

Developed cross-platform app with Flutter, managed state with Provider package, applied MVVM design pattern.

Flutter

Provider

MVVM

### Admin Page Development

Developed admin page with Next.js.

Next.js

React



Megapress Inc. April 2023 - January 2025

## Shopping platform providing online design ordering and printing services for business cards, stickers, flyers, photo cards, and other printed materials

### NestJS Migration

Migrated from Express to NestJS to improve standardized development environment and maintainability. Applied hexagonal architecture.

NestJS

Express

Architecture

### Monorepo Setup

Integrated Next.js frontend and NestJS backend repositories, which were previously separated into multiple repos, into a Turborepo + pnpm-based monorepo to establish a common module reuse system, eliminate duplicate code, and improve overall development productivity.

Turborepo

pnpm

Monorepo

### Load Testing and Performance Verification

Checked service stability through load testing with ngrinder.

ngrinder

Performance Testing