

Dang Hyeona

Backend developer building shareable systems

I build and operate Java/Spring Boot servers for BI and data portals.
I structure requirements into APIs, data flows, and deployment-ready features.



Experience Total 3 yrs 8 mos

2024.01 - Present

(2 yrs 6 mos)

Full-time

Bigxdata Data Solutions Team / Senior

BI and data portal server developer

- Developed server-side features for Java/Spring Boot-based BI and data portals
- Led the initial implementation of a DBMS management module in a subscription-based multi-module solution
- Maintained the main hub and reflected customer operation conditions into server functions
- Handled verification, issue reproduction and fixes, deployment, monitoring, security checks, and EOS response
- Tech: Java, Spring Boot, JPA/MyBatis/QueryDSL, MySQL/MariaDB/Oracle, Swagger

2021.12 - 2022.11

(1 yr)

Contract freelance

SSAFY Development Operation Group / Project Practice Coach

Project coaching and practice operation for SSAFY 6th and 7th trainees

- Supported requirement organization, specifications, and development direction feedback
- Created guidance materials and live demonstrations for server deployment and project operation

2019.07 - 2019.08

(2 mos)

Summer intern

ETRI / Research Intern

Video background removal editor development using OpenCV and CNN

- Developed a frame-based manual editor using GrabCut and a CNN-based automatic editor
- Implemented a checker to measure editing time reduction and automatic editing performance
- Tech: Python, Tkinter, OpenCV, GrabCut, NumPy, Keras

Skills & Tools

Backend

Java, Spring Boot, JPA, MyBatis, QueryDSL

Database

MySQL, MariaDB, Oracle

API & Collaboration

Swagger, Git, Jira, Confluence

AI-assisted Development

Requirement structuring, Code review, Documentation, Test perspective review

Projects

2021.10 - 2021.11

Safers, environmental and animal protection metaverse

Metaverse-Web / Team of 5 / Team lead, backend, CI/CD, presentation

- Led the team and handled backend APIs, CI/CD, ML-based mission classification, and presentation
- Reviewed service direction based on communication with the National Institute of Ecology and IUCN
- Result: SSAFY autonomous project class 1st place and national final selection / Java, Spring Boot, JPA, MySQL, AWS, Jenkins

2021.08 - 2021.10

Motion Pose Node&Flow

Open Source / Team of 5 / Team lead, frontend, backend, presentation

- Led the team and handled the hand detection part, model-applied screen, and presentation
- Published motion recognition nodes to npm and the Node-RED Library
- Result: SSDC Wireless Business Division project 1st place, Samsung Automation Studio PR merged / Node.js, Node-RED, MediaPipe

| Education

2021.01 - 2021.12

Samsung Software Academy For Youth 5th

Completed with excellence, top 5% among 750 trainees nationwide

2016.03 - 2020.02

Inje University, B.S. in Computer Engineering

College of Software, Computer Engineering / GPA 4.32, major GPA 4.4

| Awards

2021.12

SSAFY Excellent Graduate

Samsung Electronics / Top 5% of 750 trainees. Includes three class project wins, a national final selection, and 1st place in the SSDC MX Division

2020.02

Outstanding Graduate, Computer Engineering, 36th Commencement

Inje University College of Software Dean's Award / Graduated second in the department

2019.12

Korea-China-Japan Global Capstone Design Silver

Non-contact sensor-based mouse pointer control project

2018 - 2019

National Science and Engineering Scholarship

Two-year national scholarship for science and engineering students / full tuition support for 4 semesters

| Activity

2022.12 - Present

DND Developer x Designer Union Development Organizer

Development part operation and project feedback support for a nonprofit IT organization

2021.11.17 - 2021.11.18

Samsung Software Developer Conference 2021 Session Speaker

Presented an open source contribution experience with Samsung Electronics Wireless Business Division, now MX Division

| Certifications

2023.09

Engineer Information Processing

National technical certification overseen by MSIT and administered by HRDK