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SKILLS

Java | Spring Framework | Python | Django REST Framework | FastAPI | Apache Airflow | Celery | Amazon DynamoDB | PostgreSQL | Oracle | AWS IAM | Terraform Cloud | GitHub Actions | JavaScript

WORK EXPERIENCE

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Django REST Framework, PostgreSQL, Celery, Redis, Sentry

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- □□ □□□ □□ Covering Index □ □□□ □□
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Apache Airflow, Amazon DynamoDB, Django REST Framework, PostgreSQL, Redis

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- □□ □□ 24 □ □□□□ □□ Scale Out, □□ □□, □□ □□, □□□ (NumPy, netCDF4, SciPy): 90 □ □□
- □□ □□ □□ □□□□ □□ Reverse Engineering (PROJ): □ □□ □□ □□ □□ 47 □ 22 µs → 14 µs, □□□ float32 → float64, □□□ 99.55% → 25.01% → 100%
- □□□ □□ □□□□□ □□ Polling, Two Pointers □ Short-Circuit
- [□□ □□□ □□□](#)□ □□ □□ □□ □□□ □□ Serializer □□
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- [DB □□](#) □□□ □□ □□ □□□□□: PostgreSQL 10 → 14, PostGIS 2 → 3
- API □□ □□ □□□ □□ Annotation □□: OpenAPI 2 → 3, drf-yasg → drf-spectacular

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FastAPI, Redis, Serverless Framework, Kakao API, NAVER API

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- □□ Filter □ □□ Hash Map
- □□ □□ □□□□ □□ □□□□ □□ Timeout □ Retry

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AWS IAM, Amazon VPC, Terraform Cloud

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- □□ □□ □□ □□□□ □□ ABAC
- □□□□ □□ □□□□ □□ SSH Tunneling
- □□□□□ □□□□ □□ NAT Gateway □ □□ □□ □□(ACL)
- □□□□□ □□ □□ □□□□ □□ IaC □ Federation

DevOps □□□□	□□□□□	□□□□□□ DevOps □	2022-05	/ 2022-09		5□□

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Spring Boot, Lombok, MapStruct, Flyway, Fluent Bit, Datadog

- □□□□ DB □□ □□ □□□□ □□ RBAC
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- □□□□ □□□□ □□ Consumer Builder
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- Container □□□ □□□□ □□ SSH Agent
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Spring Framework, Oracle

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- □□□□ □□ □□□□ □□ Local Repository

ACTIVITIES

LeetCode Daily Google Sheets Apps Script	2025-01	/ 2025-02	1 □□

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JavaScript, Apps Script
- □□ □□□ □□ □□□ □□ □□, Factory □ Crawling
- □□ □□□ □□ □□□ □□, Timer □ Webhook (Discord)
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Woowacourse Java Format	2024-10	/ 2024-11	2 □□

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Java, Gradle, Maven, GitHub Actions
- □□□ □□□ □□ GraalVM (macOS, Linux, Windows)
- Plugin □□□ □□ Gradle □ Maven (IntelliJ, Maven)
- Java □□□ □□ Jar
- Maven □□□ □□ □□□ □□ (Central Portal)

WICWIU	2017-07	/ 2018-05	10 □□

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C++, CUDA, cuDNN
- □□□ □□□ □□ BFS □□ (TensorFlow)
- □□ □□□ □□ □□ □□: Batch Normalization (□□ □□), Convolution, Max pooling, Sigmoid, ReLU
- □□ □□□ □□ GPU □□ (NVIDIA CUDA, cuDNN)

Open Source and Online Judge Contributions

□ □□□ □□ □□□ pvlib □□□ □□ (Python) | □ □□ □□□□□ □□□ Bird Clear Sky Model □□□ □□ (□□) | GitHub 41.3k (19.9k+21.4k) □□□ □□ GitHub Pages Template □□ □□ □□ (Liquid) | Python Polylith Example □□□ □□ | Static JIRA issue export □□ □□ □□ (PHP) | Spring Framework URI Parser □□ (□□) | □□ □□ □□ 1, □□ □□ 2, □□ □□ 3 □□ □□□ □□ | □□ solved.ac □□ □□ □□ (□□ 1, □□ 2) | □□ Poking the Social □□ □□ □□ (□□) | □□ □□□ □□□ 5 □□□ □□ (□□) | SW Expert Academy Inversion Counting □□ □□ □□ □□ □□ (C++) | SW Expert Academy □□□ □□ □□ DP □□ 1, □□ 2 □□□ □□ □□□ □□ □□□ □□

EDUCATION

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- □□□□□□□ (ABEEK)
- GPA 3.95/4.5 (Cum Laude)
- 2019 ACM-ICPC □□ □□ (□ 19 □ □□ □□□ □□□□□ □□□□)
- Teaching Assistant: □□□□□, □□□□□□□, ICT □□□□ □□, C □□□□□(□□□□), C □□□□□ □□

CERTIFICATIONS

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