

## Skills

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### Cloud & Container Orchestration

- Kubernetes (Kubeadm cluster setup, EKS deployment), ArgoCD GitOps pipeline
- Docker image build / Docker-compose Infrastructure Service Operation Automation experience
- Backend programming & Infra Setup
- Django backend + MariaDB configuration
- Nginx / Apache Reverse Proxy configuration
- Team Project (Multi-DeployGo) [https://github.com/kakaocloudschool/Multi\\_ojigo](https://github.com/kakaocloudschool/Multi_ojigo)
  - o Languages & Frameworks (Version)
    - Python 3.9 - Django 4.1.3 - Bootstrap 4 - Kubernetes 1.22 -ArgoCD 2.5.2 -MariaDB 10.6
  - o Server Infrastructure configuration by Ubuntu and Django backend development
  - o Frontend development by HTML, CSS, Bootstrap

## PROFESSIONAL EXPERIENCES

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Hanjin DT Strategy Department DT Planning team Assistant (2023.02 ~ 2024.08) (full-time)

seoul, Korea

### [Achievements]

- Smart Office service Rollout (web-based seat/room reservation system)

Participated in vendor evaluation, WBS creation(Feb 2024 – Mar 2024), integration with SSO/SMS/SMTP

Conducted QA test scenario design and pre-launch validation

Established policies for seat reservations, meeting room bookings, and locker usage

Company-wide device lifecycle process standardization:

planned and executed annual refresh of 240+ PCs by defining specs by manual consolidating purchasing workflow with procurement & logistics

- Reduced average provisioning time 10% by templating setup scripts

(orders, purchasing team, IT service teams and logistics)

- QA Testing contribution to [smartoffice.hanjin.com](http://smartoffice.hanjin.com)

- Conducted pre-launch testing ( service rollout , Mar 4, 2024)
  - Managed the web platform targeted internal employees and collected user feedback

## EDUCATION

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### [B.S.]

- Dongguk University , Seoul, Computer Engineering Bachelor's Degree (2017.3 - 2023.2)

### [Bootcamp]

- Kakao cloudschool Engineer (2022.06-2022.12)

- o Multi-Deploygo ( Team Project, 1st Prize)

■ Goal : deploy multiple applications across multi-K8S clusters via unified UI

■ key contributions:

- Designed ArgoCD based GitOps workflow for automated multi-cluster deployment
- Implemented custom Django backend REST APIs for cluster & app registration
- Built Docker images and configured Docker Registry for versioned releases

- Deployed service to AWS EKS using k8s manifests
- AbstractUser custom user db model development &
- Developed membership, login page, cluster , app registration page view

- **Google Machine Learning Bootcamp 2023**

## **ADDITIONAL**

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- Language Proficiency: Native in Korean, professional proficiency in English, Partially fluent in Japanese
- Nationality: Korean citizen

<sites.google.com/view/ksh322>

## **Certification**

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- Engineer Information Processing (HRDK) 2022
- Linux master (KAIT) 2021
- OPIC IH (2023.01) (ACTFL)