Hyeyeon Kim

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Summary

Infrastructure Automation Engineer focused on reliability, scalability, and operational simplicity, with hands-on experience building Ansible- and Python- based automation across enterprise environments.

Experience

System Engineer – Infrastructure Automation (DCI)   *Sep. 2024 – Present*

Designed and implemented Ansible- and Python-based infrastructure automation for enterprise and banking clients, collaborating with cross-functional teams across implementation, testing, and operations. (SK Broadband Platform SRE, Kbank)

- Developed an automated VPN access provisioning system integrated with Jira Software and Cisco VPN, processing 5,000+ monthly requests
- Implemented approval-triggered workflows using Jira Webhooks and REST APIs with audit tracking
- Refactored OS-dependent daily health checks into OS-agnostic automation, reducing task count by 54% (353 → 162) and execution time by 70% (20 min → 6 min)
- Developed Ansible playbooks automating OS configuration and middleware deployment across 347 Linux servers
- Implemented security-compliant operational scripts for PostgreSQL 17 and Redis HA environments
- Standardized Docker runtime configurations to improve operational consistency

Internship (Shinhan Securities Co., Ltd.)   *Oct. 2023 – Nov. 2023*

- Designed a financial security–compliant private cloud architecture and delivered a Kubernetes-based service platform
- Built Kubernetes clusters in private subnet environments with strict network access controls
- Designed Jenkins-based CI/CD pipelines and automated container image build and deployment using Docker and AWS ECR

Education

Dongguk University (GPA 3.52/4.5)   **Seoul, Republic of Korea**

B.S. in Management Information Systems (Transferred)   *Mar. 2021 – Feb. 2024*
Double Major in Computer Science and Engineering

Certifications and skills

Certification	·	Certified Information Processing Engineer
	·	Linux Master Level 2
	·	AWS Certified Solutions Architect – Associate
	·	SQLD
Communication	·	Korean (Native), English (Intermediate, Toeic 885/990)
Technical	·	Linux, Ansible, Git, Python, Bash, AWS, Docker, CI/CD, MySQL, PostgreSQL