Sejoon **Kim**

DevOps Engineer · Site Reliability Engineer · Cloud Engineer

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Work Experience

CloudCops GmbH *Bielefeld, Germany*
DevOps Engineer *Mar 2025 - Present*
- Transformed Azure App Registration from manual 4-step workflow to automated single-push deployment, achieving 85% time reduction per request while eliminating human errors in permission configuration
- Enhanced project management efficiency by migrating from Notion and GitHub Issues to integrated Jira workflows with autolink functionality, improving ticket traceability and team collaboration
- Modernized infrastructure-as-code practices by reworking script-based Terraform ArgoCD modules to Helm-based architecture, enabling better version control, rollback capabilities, and standardized deployment patterns

Republic of Korea Army Aviation *Chungcheong, S.Korea*
Flight Engineer *Jul 2017 - Aug 2022*
- As a maintenance planning NCO, improved aircraft operational efficiency by 15% through cross-verification of flight hours during flight decision meetings, preventing unnecessary flight time records
- Led small combat units with a focus on teamwork, communication, and mission success, earning a commendation from the Division Commander.

Projects

Myperfectstay.com (in Progress) *CloudCops GmbH, Bielefeld, Germany*
DevOps · Cloud Engineer *Mar 2025 - Present*
- Reduced Kubernetes configuration overhead by 53% through ArgoCD repository restructuring, implementing shared ConfigMaps and consolidating environment-specific configurations
- Maintained CI/CD pipeline integrity during ArgoCD repository restructuring by implementing auto_release_id identification system, ensuring seamless container tag management across environment transitions
- Consolidated deployment workflows by unifying frontend and backend CI/CD pipelines from two separate repositories into centralized GitHub Actions, reducing maintenance overhead and improving deployment consistency
- Established preview environments for mobile and frontend applications, reducing build cycles and accelerating development feedback loops
- Achieved 90% cost reduction in monitoring infrastructure by migrating from Grafana SaaS to self-hosted Grafana with Prometheus integration, maintaining full observability capabilities while eliminating recurring subscription costs

Improving Brand Experience Enhancement (Under NDA) *Porsche Digital Campus Challenge, Ludwigsburg, Germany*
DevOps · Cloud Engineer *Oct 2024 - Jan 2025*

Education

Volkswagen SEA:ME Project *Wolfsburg, Germany*
Mobility & Computer Science *Jun 2024 - Present*
- Active contributor to open-source automotive software development
- Applying DevOps practices in a global, industry-leading environment

42 Network *Seoul, S.Korea & Wolfsburg, Germany*
Computer Science *Nov 2022 - Present*
- Elected Student Council President, effectively communicating with 1,000+ peers
- Conducted 200+ code reviews, enhancing collaborative coding skills

Korea National Open University *Seoul, S.Korea*
B.S in Computer Science (Overall 3.4/4.5) *Mar 2020 - Feb 2024*

Skills

Programming Languages
- Python
- C/C++
- Go

Framework
- FastAPI
- Django

DevOps
- Docker
- Kubernetes
- ArgoCD

Infrastructure as Code
- Terraform
- Ansible

Public Cloud
- Microsoft Azure
- AWS

Monitoring / Logging
- Prometheus
- Grafana
- Loki

Certifications & Honor

Date	Title	Issuer
Aug, 2025	**Azure Solution Architect Expert (AZ-305)**	*Microsoft Azure*
Aug, 2025	**Azure Administrator Associate (AZ-104)**	*Microsoft Azure*
Jan, 2025	**Final Winner of Porsche Digital Challenge 2025**	*Porsche Digital*
Sep, 2024	**AWS DevOps Professional (DOP-C02)**	*Amazon Web Services*
Jul, 2024	**Certified of Kubernetes Administrator (CKA)**	*Linux Foundation*