**DAVID KIM**

DevOps Engineer | Cloud Infrastructure Specialist

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Portfolio: davidkim.dev | GitHub: github.com/davidkim

PROFESSIONAL OVERVIEW

DevOps Engineer with 5 years of experience in cloud infrastructure, automation, and CI/CD.

Expert in AWS, Kubernetes, and Infrastructure as Code. Passionate about building scalable systems.

TECHNICAL STACK

Cloud Platforms: AWS (Expert), Azure, Google Cloud Platform

Containers & Orchestration: Docker, Kubernetes, EKS, ECS

CI/CD: Jenkins, GitLab CI, GitHub Actions, CircleCI

Infrastructure as Code: Terraform, CloudFormation, Ansible

Monitoring: Prometheus, Grafana, ELK Stack, Datadog

Scripting: Python, Bash, PowerShell

Version Control: Git, GitHub, GitLab

WORK HISTORY

Senior DevOps Engineer

CloudTech Solutions, Seattle, WA

2021 - Present (3 years)

• Architected and deployed AWS infrastructure supporting 5M+ requests/day

• Reduced infrastructure costs by 35% through optimization and reserved instances

• Implemented automated deployment pipelines reducing release time from 4 hours to 15 minutes

• Led migration from monolith to microservices architecture on Kubernetes

• Technologies: AWS, Kubernetes, Terraform, Jenkins, Python

DevOps Engineer

Software Development Corp, Portland, OR

2019 - 2021 (2 years)

• Built CI/CD pipelines for 15+ applications across different tech stacks

• Automated infrastructure provisioning saving 100+ manual hours monthly

• Implemented monitoring solutions with 99.9% uptime achievement

• Technologies: Docker, Jenkins, Ansible, AWS

ACADEMIC CREDENTIALS

Bachelor of Science - Computer Engineering

University of Washington, Seattle, WA

Graduated: 2019 | Cumulative GPA: 3.7

PROFESSIONAL CERTIFICATIONS

• AWS Certified DevOps Engineer - Professional (2023)

• Certified Kubernetes Administrator (CKA) - CNCF (2022)

• AWS Certified Solutions Architect - Associate (2021)

• HashiCorp Certified: Terraform Associate (2020)

KEY PROJECTS

• Designed multi-region AWS architecture for high availability

• Open source contributor to Kubernetes and Terraform communities

• Built internal developer platform improving team productivity by 40%

ADDITIONAL INFORMATION

Languages: English (Native), Korean (Fluent)

Interests: Open Source, Cloud Native Technologies, Automation