

David Kim

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EDUCATION

University of Texas at Austin

Bachelor of Science in Computer Science

Austin, TX

Aug. 2014 – May 2018

EXPERIENCE

Senior DevOps Engineer

May 2021 – Present

CloudNative Systems

Remote

- Designed and implemented a Kubernetes-based container orchestration platform on AWS EKS, supporting 50+ microservices.
- Automated infrastructure provisioning using Terraform and Ansible, reducing environment setup time from 3 days to 2 hours.
- Built a comprehensive CI/CD pipeline using GitHub Actions and ArgoCD, enabling daily deployments with zero downtime.
- Implemented centralized logging and monitoring (ELK Stack, Prometheus, Grafana), improving incident response time by 40%.

Site Reliability Engineer

June 2018 – Apr 2021

TechFalcon

Austin, TX

- Maintained 99.99% availability for high-traffic e-commerce applications during peak holiday seasons.
- Wrote Python and Go scripts to automate routine maintenance tasks and database backups.
- Participated in on-call rotation and led post-incident reviews to identify root causes and prevent recurrence.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, VPC, IAM), GCP, Azure

Containerization: Docker, Kubernetes (EKS, GKE), Helm

IaC Config: Terraform, Ansible, CloudFormation, Packer

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

Scripting: Python, Bash, Go

Monitoring: Prometheus, Grafana, Datadog, New Relic, ELK Stack