



## Cloud DevOps Engineer

# Emily Rivers

### Professional summary

Cloud DevOps Engineer with 9+ years of experience specializing in infrastructure automation, deployment, and monitoring. Adept at leveraging AWS, Microsoft Azure, and Google Cloud Platform (GCP) to streamline operations, enhance system scalability, and reduce costs.

### Experience

#### Cloud DevOps Engineer

July 2018 - Now

Amazon Web Services (AWS) / United States, Seattle, WA

- Designing and implementing scalable cloud infrastructure using AWS services such as EC2, S3, Lambda, CloudFormation, and RDS.
- Automating deployment pipelines with Jenkins, Terraform, and Ansible to improve efficiency and reduce errors.
- Managing security policies and IAM roles, improving access control by 20%.
- Developing cloud monitoring and alerting systems using Prometheus, Grafana, and AWS CloudWatch to track and improve application performance.
- Collaborating with DevOps, software engineering, and QA teams to optimize cloud resources, reducing operational costs by 25%.

#### DevOps Engineer

June 2015 - July 2018

Microsoft Azure / United States, Seattle, WA

- Managed large-scale migrations from on-premise systems to cloud environments, minimizing downtime and enhancing scalability.
- Automated infrastructure provisioning using Terraform and CloudFormation as IaC.
- Implemented cloud security best practices, including IAM, data encryption, and VPC management.

### Projects

- Developed and deployed an **auto-scaling infrastructure on AWS** using Terraform and CloudWatch alarms, resulting in a 15% improvement in cost-efficiency.
- Spearheaded the implementation of a **serverless architecture** using AWS Lambda and API Gateway, reducing infrastructure costs by 30%.

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### Education

#### Bachelor's Degree in Computer Science

2011 - 2015

University of Washington

United States, Seattle, WA

#### AWS Certified DevOps Engineer – Professional

Amazon Web Services, July 2022

Valid until: July 2025

#### Certified Kubernetes Administrator

The Linux Foundation, December 2021

Valid until: December 2024

### Skills

Cloud Platforms: AWS, Azure, GCP



Infrastructure as Code (IaC): Terraform, CloudFormation, Pulumi



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



Automation: Ansible, Chef, Puppet



Monitoring & Alerting: Prometheus, Grafana, CloudWatch



Programming & Scripting: Python, Bash, Go

