

# Jessica Anderson

## DEVOPS ENGINEER

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DevOps engineer with a proven track record of optimizing software development processes through automation, continuous integration, and deployment. Adept at designing, implementing, and maintaining scalable infrastructure and ensuring seamless collaboration between development and operations teams. Passionate about leveraging technology to achieve operational excellence.

## PROJECTS

### Automated Deployment Platform

Built a custom deployment platform using Kubernetes and Jenkins to streamline application deployments and reduce manual errors.

### Infrastructure as Code

Led the implementation of infrastructure as code using Terraform and CloudFormation, resulting in consistent and automated provisioning of cloud resources.

## SKILLS

### DevOps Tools

Jenkins  
Terraform  
Kubernetes  
Docker  
AWS  
Azure  
Prometheus  
Grafana

### Programming Languages

Python  
Bash  
JavaScript

### Infrastructure as Code

Terraform  
CloudFormation

### Monitoring and Logging

Prometheus  
Grafana  
ELK Stack

## EXPERIENCE

### DevOps Engineer at Microsoft

Feb 2021 - Jul 2023 • Redmond, Washington

- Automated CI/CD pipelines using Jenkins, reducing deployment time by 40% and increasing release frequency.
- Implemented infrastructure as code using Terraform, resulting in 20% faster provisioning of cloud resources.
- Developed monitoring and alerting systems with Prometheus and Grafana, reducing incident response time by 30%.
- Collaborated with cross-functional teams to optimize application performance, resulting in a 25% reduction in latency.

### DevOps Engineer at Facebook

Jul 2019 - Jan 2021 • Menlo Park, California

- Optimized resource utilization and cost efficiency on AWS by implementing autoscaling and reserved instances.
- Led incident response and root cause analysis efforts, resulting in a 20% reduction in mean time to resolution.
- Mentored junior engineers and conducted workshops to promote DevOps best practices and knowledge sharing.

### Software Engineer at Netflix

May 2017 - Jun 2019 • Los Gatos, California

- Designed and implemented containerized applications using Docker and orchestrated with Kubernetes, achieving high scalability and availability.
- Developed custom deployment tools and scripts, reducing manual intervention and deployment errors by 40%.
- Collaborated with cross-functional teams to improve continuous integration processes, resulting in a 30% increase in code quality.

## EDUCATION

### Stanford University

Sep 2015 - Jun 2017 • Stanford, California • GPA: 3.8

Master of Science in Computer Science

### University of California, Berkeley

Sep 2011 - May 2015 • Berkeley, California • GPA: 3.9

Bachelor of Science in Electrical Engineering and Computer Science