



Ryan Harris

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SUMMARY

Dynamic DevOps Engineer with over 8 years of robust experience optimizing AWS infrastructures. Developed automated deployments, ensuring high availability through tools like CloudFormation, Jenkins, and GitLab. Actively created observability dashboards using Grafana and Prometheus, which significantly enhanced system health monitoring. Proven ability to manage greenfield development and respond swiftly to production incidents while maintaining security protocols. Passionate about creating seamless technology experiences and improving workflows in Agile environments. Along with strong documentation skills, this expertise drives initiatives that facilitate collaborative development and long-term platform sustainability.

EXPERIENCE

Senior DevOps Engineer

January 2021 - Present

CloudTech Solutions

Arlington, VA

As a Senior DevOps Engineer, overseeing cloud-based application deployments, focusing on AWS infrastructure, multi-environment management, and team collaboration. This role balances compliance and user experience while enhancing operational efficiency.

- Spearheaded deployment pipelines for cloud apps, boosting deployment speed by 30% for teams handling sensitive financial data.
- Managed AWS resources like EC2 and S3, ensuring consistent performance and regulatory compliance across applications.
- Structured CI/CD methodologies via Jenkins and GitLab, enabling frequent releases and improved code quality.
- Created Grafana dashboards for real-time metrics, reducing response times during incidents by 25%.
- Collaborated efficiently with interdisciplinary teams in Agile contexts promoting the swift delivery of impactful features.
- Produced comprehensive architecture reviews and technical documents, aiding ongoing infrastructure projects and audits.

DevOps Engineer

June 2018 - December 2020

DataOps Innovations

Alexandria, VA

Worked as a DevOps Engineer specializing in event-driven automation and agile solutions. Played a crucial role in integrations that streamlining processes while fostering security and innovation.

- Delivered streamlined event management systems, significantly bolstering operational transparency and effectiveness across departments.
- Adopted secure coding practices throughout the software development lifecycle, reinforcing security standards.
- Automated routine tasks utilizing Shell scripting and Python, lessening manual efforts significantly.
- Assisted legacy systems' migration to AWS, transitioning vital applications while preserving uptime for end-users.
- Actively engaged in resolving production issues, guiding teams through incident responses to maintain service integrity.
- Maintained Splunk dashboards monitoring application behavior and paving insights into usage patterns.

DevOps Engineer

April 2016 - May 2018

TechWave Solutions

Washington, DC

Contributed as a DevOps Engineer, managing cloud computing resources and promoting script automation within cross-functional teams. Enhanced collaboration has been vital for progress across diverse projects.

- Supported effective AWS resource management, primarily focusing on EC2 and Lambda functions for optimized operations.
- Played a pivotal role in developing CI/CD pipelines, facilitating timely software updates aligned with project timelines.
- Participated actively in Agile planning, contributing detailed feedback to elevate project specifications and outcomes.
- Wrote Groovy scripts automating various processes, leading to a marked increase in productivity within team workflows.
- Facilitated knowledge transfer sessions for junior engineers, embedding best practices widely around organizational offerings.
- Documented architecture details accurately, enriching internal resources and supporting a culture of knowledge sharing.

LEADERSHIP & AWARDS

- 2019 Cloud Technology Innovator Award for excellence in cloud deployment solutions.
- 2021 Leadership Excellence Award recognizing contributions to team dynamics and engagement.

EDUCATION

Bachelor's Degree in Computer Science

University of Maryland GPA: 3.8

2016

College Park, MD

Coursework: Software Development, Network Security, Data Structures, Algorithms

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate 📅 2026
- Certified Kubernetes Administrator 📅 2026

TECHNICAL SKILLS

- **Cloud Services:** AWS, Azure, Google Cloud
- **Programming Languages:** Python, Scala, Groovy
- **CI/CD Tools:** Jenkins, GitLab, CircleCI
- **Infrastructure as Code:** Terraform, CloudFormation, Ansible
- **Monitoring Tools:** Splunk, Grafana, Prometheus
- **Version Control:** Git, Bitbucket, SVN
- **Scripting:** Shell Script, Python, Groovy
- **Agile Methodologies:** Scrum, Kanban, XP
- **Containerization:** Docker, Kubernetes, OpenShift
- **Security Practices:** OWASP, IAM, NIST Standards

SKILLS

- AWS
- GitLab
- Splunk
- Lambda
- DevOps
- Shell Scripting
- Grafana
- EC2
- CI/CD
- Python
- Agile
- Monitoring
- Jenkins
- Groovy
- CloudFormation
- Documentation

PROFESSIONAL AFFILIATIONS

- Member of DevOps Institute, contributing insights to industry best practices.
- Active participant in AWS User Group, sharing knowledge and harnessing innovation.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST