

Arno Alford

DevOps Engineer

Personal Info

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GitHub

<https://github.com/ArnoAlford>

LinkedIn

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Skills

Cloud Platforms

AWS

Azure

Infrastructure as Code

Ansible

Chef

Terraform

CI/CD

GitHub Actions

Jenkins

Scripting Languages

Python

Ruby

PowerShell

Bash

Containers & Orchestration

Kubernetes

Docker

Helm

Agile & DevOps Practices

Automation

Scalability

High Availability

Monitoring

Security & Compliance

Thycotic

Vault

HIPAA

GitOps

Professional Summary

Skilled DevOps and Site Reliability Engineer with 7+ years of experience designing and operating scalable cloud infrastructure and CI/CD platforms. Expertise in Kubernetes orchestration, Amazon cloud architecture and security credential automation, with a strong focus on reliability, performance, and infrastructure standardization. Proven track record of driving efficiency, improving scalability, and supporting cross-functional teams in dynamic, fast-paced, production environments.

Work Experience

DevOps Engineer

Claritev- June 2021- Present

Responsibilities

- Built Jenkins automation pipelines concerning application deployments, secret retrieval, and infrastructure automation.
- Developed and maintained Kubernetes manifests and Helm Charts.
- Worked with application teams to optimize Docker containers.
- Implemented end-to-end CI/CD workflows

Achievements

- Served as Azure Cloud Administrator, supporting application teams during migration and modernization projects.
- Led adoption of secret automation and acted as liaison between security and infrastructure.
- Brought legacy systems under Infrastructure-as-Code governance, migrating servers into Terraform state.

DevOps Engineer

Protolabs- September 2019 - June 2021

Responsibilities

- Automated infrastructure deployments and credential security using Chef and Thycotic Secret Server.
- Wrote and supported platform automation across numerous Chef cookbooks.
- Led environment-wide data migration and refresh efforts.
 - Managing application deployments and problem resolution.
 - Building production database deployment pipelines
- Managed and wrote numerous AWS code pipelines and configurations.

Achievements

- Headed efforts for company-wide secret rotation.

Site Reliability Engineer

Surescripts- January 2019 - September 2019

Responsibilities

- Built and managed Jenkins pipelines supporting multiple agile teams and deployment environments.
- Introduced Ansible automation for provisioning, configuration, and patch management across hybrid infrastructure.
- Implemented observability pipelines and smoke tests to ensure system reliability and quick feedback loops.

Achievements

- Spearheaded efforts to bring infrastructure as code to networking.

References

Evan Roddenberry, Manager IT
Operations at Blizzard
Entertainment

"I managed Arno during his internship at Blizzard Entertainment...he has an insatiable appetite for learning and it was remarkable watching his development during his internship. He is charismatic, friendly, and a natural relationship builder. He is also focused, systematic, and passionate which make him a great fit for any position. As he continues to grow in his pursuit of an IT career, I have no doubt he will succeed."

Kyle Friesen, DevInfrastructure
Manager at Protolabs

"Arno has a great technical skillset that has grown tremendously since starting at Protolabs. He understands the value of growing in a team and helping others grow in the same team. He has really excelled in his knowledge of pipelines, automation and CI/CD since starting at Protolabs. He shows a great ability to learn. He is also very upfront about his plans, future and needs. Arno has great mastery for functional, fail-fast work"

Education

BS in Management Information Systems
California State University, Long Beach **Graduated: Dec 2018**

Certificates

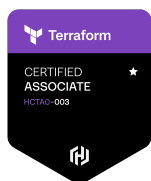


Certified Kubernetes Administrator (CKA)

Proven in a proctored exam the ability to:

- Build and automate **Kubernetes** infrastructure using **Terraform, Helm, and Infrastructure-as-Code (IaC)** workflows to support consistent deployments.
- Strengthen operational reliability by configuring **health checks, probes, autoscaling**, and resource limits/requests for optimized performance.
- **Troubleshoot** issues at scale, diagnosing issues involving Pods, nodes, networking, storage and core Kubernetes components

CertificateID: LF-sodndc5kj7



HashiCorp Certified: Terraform Associate

Proven in a proctored exam the ability to:

- Build reusable **Terraform modules** to standardize **infrastructure deployments** and improve maintainability across multiple environments.
- Configure and utilize multiple providers (e.g., **AWS, Azure, GCP**) to provision cloud infrastructure resources.
- Configure and maintain **Terraform state files**, including the use of remote backends and state locking.

CertificateID: 8ba6b82c-7cc9-4e9a-8d9f-036e7f7ace4f



AWS Certified Developer - Associate

Proven in a proctored exam the ability to:

- Design and develop **AWS-native applications** using core services such as **Lambda, DynamoDB, S3, API Gateway, and SNS/SQS**.
- Automate environment provisioning with **Infrastructure-as-Code tools** like **CloudFormation and AWS SDK**.
- Secure applications using **KMS encryption**, secrets management, and secure parameter storage technologies.

CertificateID: 22b593365b504405b4e04af611b40694



AWS Certified Machine Learning - Associate

Proven in a proctored exam the ability to:

- Deploy **MLOps** pipelines using **AWS SageMaker** for scalable model training and inference.
- Master data preprocessing and **ETL pipelines** with **AWS Glue, Spark on EMR** and **Data Wrangler** processing jobs.
- Optimize **LLMs** through hyperparameter optimization.

CertificateID: eda6ad5902f44adfb302925ab293bd8

AWS Certified Cloud Practitioner

CertificateID: 3bba10f86b9747de8eed89ff24504da

AWS Certified AI Practitioner

CertificateID: ba7d834bba8b42a09ba0bd8b40cd1061