

# Arno Alford

## Devops Engineer

### Personal Info

#### Phone

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#### Address

Eules TX, 76039

#### Email

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#### Website

arnoalford.com

#### GitHub

<https://github.com/ArnoAlford>

#### LinkedIn

[www.linkedin.com/in/ArnoAlford](http://www.linkedin.com/in/ArnoAlford)

### Skills

Kubernetes

Python

Azure Cloud

Chef

Ansible

Unix/Linux

Jenkins

Docker

Ruby

Powershell

Automation

Groovy

## Experience

### Senior Devops Engineer

Multiplan – 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.

#### Achievements

- Took on role of Azure Cloud Administrator in migrating application teams to Azure.
- Led adoption of secret automation and acted as liaison between security and infrastructure.

### Devops Engineer

Protolabs – September 2019 – June 2021

#### Responsibilities

- Designed and maintained Chef integration with Thycotic security server
- Wrote and supported automation across numerous Chef cookbooks.
- Led environment-wide data migration and refresh efforts.
  - Managing application deployments and problem resolution.
  - Building database deployment pipelines
- Managed and wrote numerous Azure task groups and configurations.

#### Achievements

- Headed efforts for company-wide secret rotation.

### Site Reliability Engineer

Surescripts – January 2019 – September 2019

#### Responsibilities

- Developed and Implemented CICD pipelines across numerous teams.
- Wrote and maintained Ansible automation.
- Managed availability, monitoring and deployments for agile teams through:
  - Writing automated, service specific smoke tests.
  - Implementing Jenkins 2 pipelines.

#### Achievements

- Spearheaded efforts to bring infrastructure as code to networking.

## Certificates



### Certified Kubernetes Administrator (CKA)

Proven in a proctored exam the ability to:

- Install and configure a highly-available Kubernetes cluster from scratch
- Backup, restore and upgrade the ETCD database and control plane.
- Troubleshoot issues on the application, node, and networking levels

Certificate ID: LF-sodndc5kj7

## Education

### **BS in Management Information Systems**

California State University, Long Beach

Graduated: Dec 2018

## References

### **Evan Roddenberry, Manager IT Operations at Blizzard Entertainment**

I managed Arno during his internship at Blizzard Entertainment. His intern project (FLARE) was exceptional and greatly increased the quality of life as well as daily efficiency of the Blizzard Operations Center. 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, Dev Infrastructure 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, I'd like to see him get involved with large scale operations to understand more mature ITIL operations to gain more perspective.