

# Chris Jones

DevOps Engineer

## Personal Info

### Location

Brooklyn, NY

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### LinkedIn

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## Skills

AWS

GCP

CloudFormation

Docker

ECS/Fargate

Kubernetes

Helm

Terraform

CI/CD

AWS Lambda

Linux

BASH

Python

JavaScript

## About

- DevOps Engineer with experience in building and maintaining enterprise scale, cloud based, CI/CD driven microservice based architectures.
- Nearly two decades of experience with various Linux distributions.
- Skilled in the setup and maintenance of highly available and redundant systems.
- Experienced in systems integration in order to create the best possible foundation for any given project.
- Experienced in working with and supporting developers in order to see projects through to completion and continued development.
- Very adept at researching, troubleshooting, identifying, and ultimately fixing problems.
- Very enthusiastic about, and a contributor to open source software.

## Experience

05-2021 - present

### Quartet Health

*DevOps Engineer*

DevOps engineer for Quartet Health, a company that tries to make getting access to mental health care easier.

- Managed and maintained Quartet Health's AWS and Kubernetes environments.
- Migrated Quartet's services to EKS. They were previously hosted directly on EC2.
- Migrated multiple applications from being hosted on EC2 to running on EKS.
- Implemented ArgoCD for deploying applications to EKS.
- Implemented Atlantis for handling Terraform via GitOps.
- Created a custom built VPN solution around OpenVPN CE and OneLogin. The result significantly reduced the complexity and cost of the company's VPN setup.

09-2020 - 05-2021

### Voice.com

*DevOps Engineer*

DevOps engineer for Voice.com, a social network built on the EOSIO blockchain.

- Managed and maintained Voice's GCP and Kubernetes environments.
- Became familiar with blockchain technology. Specifically the EOSIO blockchain framework.
- Was instrumental in streamlining a massive lift-and-shift migration from Block.one's infrastructure to Voice's. Migrated services included multiple Kubernetes clusters, over 200 GitHub repositories, PostgreSQL databases, CI/CD pipelines, and DNS records, and NPM packages.
- Streamlined their CloudFlare and PagerDuty accounts by managing them via Terraform and buildkite.
- Became their go-to resource for tricky Terraform and Bash related issues.

08-2019 - 09-2020

### AiCure

*DevOps Engineer*

DevOps engineer for AiCure, creators of a machine learning based mobile app that assists patients in clinical trials.

- Overhauled AiCure's code deployment process to make it a true CI/CD process
- Made AiCure's existing services more resilient by implementing optimizations like container autoscaling

- Made use of Lambda functions to reduce cost and make management of infrastructure easier to maintain

08-2018 -  
08-2019

### **Univision**

*DevOps Engineer*

DevOps engineer for most of Univision's online presence

- Built custom tooling to automate and provide accountability for the entirety of Univision's and Gizmodo Media Group's DNS infrastructure
- Containerized and automated of Univision's Jenkins environment
- Rebuilt Univision's AWS environment entirely in CloudFormation
- Brought visibility to cost of operation of all Univision AWS accounts via CloudHealth
- Implemented CI/CD pipelines to test and automate other processes wherever possible
- Migrated their deployments from ECS to Kubernetes
- Became DevOps lead by default and rose to the increase in responsibilities

03-2016 -  
01-2018

### **Digarc**

*Senior Linux Systems Engineer*

Administrator for high traffic college catalog websites consisting of a few hundred servers. Closely worked with and supported the needs of developers.

- Was made lead systems manager with and put in charge of managing a team of admins
- Managed and improved upon their existing AWS stack
- Managed and improved upon their existing Chef environment
- Led an effort to transition to Docker containers wherever possible
- Led an effort to migrate more of their legacy infrastructure to AWS specific services
- Automated the creation of vagrant boxes for developers via continuous integration
- Automated various long and manual workflows

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## **Education**

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2002 -  
2004

### **University of Central Florida**

Bachelor's in Digital Media

2000 -  
2002

### **Central Florida Community College**

Associate's Degree