

# Chris Jones

## DevOps Engineer

### Personal Info

#### Location

Brooklyn, NY

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<https://linkedin.com/in/sysengineerchris>

### 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

09-2020 - present	<p><b>Voice.com</b></p> <p><i>DevOps Engineer</i></p> <p>DevOps engineer for Voice.com, a social network built on the EOSIO blockchain.</p> <ul style="list-style-type: none"><li>• Managed and maintained Voice's GCP and Kubernetes environments.</li><li>• Became familiar with blockchain technology. Specifically the EOSIO blockchain framework.</li><li>• 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.</li><li>• Streamlined their CloudFlare and PagerDuty accounts by managing them via Terraform and buildkite.</li><li>• Became their go-to resource for tricky Terraform and Bash related issues.</li></ul>
08-2019 - 09-2020	<p><b>AiCure</b></p> <p><i>DevOps Engineer</i></p> <p>DevOps engineer for AiCure, creators of a machine learning based mobile app that assists patients in clinical trials.</p> <ul style="list-style-type: none"><li>• Overhauled AiCure's code deployment process to make it a true CI/CD process</li><li>• Made AiCure's existing services more resilient by implementing optimizations like container autoscaling</li><li>• Made use of Lambda functions to reduce cost and make management of infrastructure easier to maintain</li></ul>
08-2018 - 08-2019	<p><b>Univision</b></p> <p><i>DevOps Engineer</i></p> <p>DevOps engineer for most of Univision's online presence</p> <ul style="list-style-type: none"><li>• Built custom tooling to automate and provide accountability for the entirety of Univision's and Gizmodo Media Group's DNS infrastructure</li><li>• Containerized and automated of Univision's Jenkins environment</li><li>• Rebuilt Univision's AWS environment entirely in CloudFormation</li><li>• Brought visibility to cost of operation of all Univision AWS accounts via CloudHealth</li><li>• Implemented CI/CD pipelines to test and automate other processes wherever possible</li></ul>

	<ul style="list-style-type: none"> <li>• Migrated their deployments from ECS to Kubernetes</li> <li>• Became DevOps lead by default and rose to the increase in responsibilities</li> </ul>
03-2016 - 01-2018	<b>Digarc</b> <i>Senior Linux Systems Engineer</i> Administrator for high traffic college catalog websites consisting of a few hundred servers. Closely worked with and supported the needs of developers. <ul style="list-style-type: none"> <li>• Was made lead systems manager with and put in charge of managing a team of admins</li> <li>• Managed and improved upon their existing AWS stack</li> <li>• Managed and improved upon their existing Chef environment</li> <li>• Led an effort to transition to Docker containers wherever possible</li> <li>• Led an effort to migrate more of their legacy infrastructure to AWS specific services</li> <li>• Automated the creation of vagrant boxes for developers via continuous integration</li> <li>• Automated various long and manual workflows</li> </ul>
06-2013 - 10-2015	<b>Bookit.com</b> <i>Linux Systems Engineer</i> Administrator for high traffic travel website consisting of over 250 servers. Closely worked with and supported the needs of developers. <ul style="list-style-type: none"> <li>• Deployed SaltStack to configure and effortlessly manage new and existing servers. This reduced new setup times for new servers to half an hour.</li> <li>• Contributed to the SaltStack project fixing bugs in the MySQL module.</li> <li>• Wrote a SaltStack based template system for managing thousands of MySQL credentials.</li> <li>• Had formulas for users and grains management accepted into the public SaltStack formula repository.</li> <li>• Reduced the time a MySQL slave rebuild takes from a whole day to a few hours.</li> <li>• Learned how to use Zabbix at a much larger scale.</li> <li>• Learned how to work with MySQL replication.</li> <li>• Made developers' lives easier by managing their sandbox VMs through Vagrant.</li> <li>• Deployed the ELK Stack (Elasticsearch, Logstash, Kibana) to greatly simplify and make sense of logging data.</li> <li>• Facilitated the move to a virtualized environment with Red Hat Enterprise Virtualization.</li> <li>• Set up, configured, and provided troubleshooting for a Dell Compellent 80 terabyte storage array attached via multipath iSCSI. It was the storage backing for the Red Hat Enterprise Virtualization.</li> </ul>

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## Education

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2002 - 2004	<b>University of Central Florida</b> Bachelor's in Digital Media
2000 - 2002	<b>Central Florida Community College</b> Associate's Degree