Chris Jones

DevOps Engineer

Personal Info

Location

Brooklyn, NY

Phone

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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

Voice.com

09-2020 - present

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 framwork.
- 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.

AiCure

08-2019 - 09-2020

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

Univision

08-2018 - 08-2019

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

Digarc

03-2016 -

01-2018

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

Bookit.com

06-2013 -

10-2015

Linux Systems Engineer

Administrator for high traffic travel website consisting of over 250 servers. Closely worked with and supported the needs of developers.

- Deployed SaltStack to configure and effortlessly manage new and existing servers. This reduced new setup times for new servers to half an hour.
- Contributed to the SaltStack project fixing bugs in the MySQL module.
- Wrote a SaltStack based template system for managing thousands of MySQL credentials.
- Had formulas for users and grains management accepted into the public SaltStack formula repository.
- Reduced the time a MySQL slave rebuild takes from a whole day to a few hours.
- Learned how to use Zabbix at a much larger scale.
- Learned how to work with MySQL replication.
- Made developers' lives easier by managing their sandbox VMs through Vagrant.
- Deployed the ELK Stack (Elasticsearch, Logstash, Kibana) to greatly simplify and make sense of logging data.
- Facilitated the move to a virtualized environment with Red Hat Enterprise Virtualization.
- 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.

Education

2002 -

2004

University of Central Florida

Bachelor's in Digital Media

2000 -

2002

Central Florida Community College

Associate's Degree