Chris Jones

DevOps Engineer

Personal Info

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Skills

AWS

CloudFormation

Docker

ECS/Fargate

Kubernetes

Terraform

Jenkins

AWS CodePipeline/CodeBuilder

AWS Lambda

Linux

BASH

Python

DevOps Engineer

- 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

2019 - present

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

2018-01 - 2019-08

DevOps Engineer

Univision

DevOps engineer 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.
- Ask me about "the webapp crash of 2019".

2016-03 - 2018-01

Senior Linux Systems Engineer

Digarc

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.

2013-06 - 2015-10

Linux Systems Engineer

Bookit.com

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.

2010-11 - 2013-06

Linux System Administrator

StackFrame, LLC

Providing IT support for DoD contractors and commercial clients with a mix of Windows and Linux servers.

- Set up monitoring for over 50 servers with Zabbix.
- Streamlined client's in-house IT support process for 5 servers and 30 workstations.
- Solved internal mail related problems by setting up DKIM and SPF for StackFrame.
- Acquired Security+ certification with this employer.

Education

2002 - 2004

University of Central Florida

Bachelor's in Digital Media

2000 - 2002

Central Florida Community College

Associate's Degree