

John Robison

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Cloud Systems Engineer

Technical Experience

Springbuk, Inc, working remotely from Pittsburgh PA

May 2018 – Present

Senior DevOps Engineer

- Responsible for cloud infrastructure and automation as part of a software-as-a-service startup, with a focus on the AWS cloud
- Built from scratch a continuous deployment pipeline which builds Docker containers and deploys to Amazon ECS
- Refactored entire cloud estate from Cloudformation to Terraform, to eliminate Cloudformation vendor lock-in, and from Chef to Ansible, to modernize configuration management.
- Reduced ECS and RDS spend by 45%, via right-sizing and spinning down lower environments nights/weekends.
- 100% remote work, all team communication is on Slack / Zoom

Cloudreach, Inc, working remotely from Pittsburgh PA

Mar 2016 – May 2018

Cloud Systems Engineer

- Implement data center migrations to the AWS cloud for large enterprises, as part of a consulting team
- Build AWS infrastructure as code using Terraform, Cloudformation
- Chef cookbook development for server configuration management
- Build Lambda functions to automate AWS environment maintenance, automate cost reporting, etc
- General Linux administration tasks
- 100% remote work, all team communication is on Slack / Hangouts

Health Monitoring System, Inc, Pittsburgh PA

Apr 2013 – Mar 2016

Linux Administrator

- Responsible for the setup, monitoring, and maintenance of customer facing production Linux application servers and database servers in a software-as-a-service environment

- Setup and configuration of physical and virtual servers
- Built from scratch a disaster recovery environment using AWS based virtual machines which mirrors the production environment.
- Configuration and troubleshooting of production Apache web servers, Tomcat application servers, Postgres database servers.
- Authored or contributed to various monitoring and utility scripts, usually using bash.
- Configuration management using Chef

Pair Networks, Inc, Pittsburgh PA

May 2007 – Mar 2013

Support Technician

- ▢ Responsible for fixing technical problems with websites and email on behalf of small to medium sized businesses in a web hosting environment
 - Configuration and troubleshooting of Apache web servers, MySQL databases, server firewalls, SSL certificates, Postfix, Qmail
- ▢ Monitoring of about 2,000 Linux/Unix servers to detect and resolve problems caused by high load, security breach, spam, or even a leak in the roof
- ▢ Co-Team Lead for PCI Compliance Division
 - Work with management to alter security policies as needed to solve problems before they happen
- ▢ Direct support to technical and non-technical users
 - Ability to investigate and solve a wide array of issues one after another
- ▢ Training and advising new techs
- ▢ Create new documentation for other techs and customer businesses

Technical Skills

Amazon Web Services	Ansible	Terraform
Cloudformation	Docker	Some Python / Some Ruby
AWS Lambda	Git	Postgres

Certifications

[AWS Certified Security Specialty](#)

Issued 2019

<u>Docker Certified Associate</u>	<u>Issued 2018</u>
<u>Google Cloud Platform Certified Cloud Architect</u>	<u>Issued 2017</u>
<u>Certified Chef Developer</u>	<u>Issued 2017</u>
<u>AWS Certified Solutions Architect, Professional</u>	<u>Issued 2017</u>
<u>AWS Certified DevOps Engineer, Professional</u>	<u>Issued 2017</u>
<u>AWS Certified Developer, Associate</u>	<u>Issued 2017</u>
<u>AWS Certified Sysops Admin, Associate</u>	<u>Issued 2017</u>
<u>AWS Certified Solutions Architect, Associate</u>	<u>Issued 2015</u>
Linux Professional Institute, Level 1 (LPIC-1)	<u>Issued 2012</u>

Personal Projects

<u>Taxapi.net</u> , an API which makes it trivial to calculate US income tax in a spreadsheet	<u>Launched Aug 2018</u>
<u>Amazon Alexa Skill</u> that explains the Pittsburgh recycling schedule	<u>Published Dec 2016</u>