

John Robison

Cloud Systems Engineer

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Timezone: US Eastern

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

Terraform

Ansible

Cloudformation

Docker

Some Python / Some Ruby

AWS Lambda

Git

Postgres

Certifications

<u>AWS Certified Solutions Architect, Professional</u>	<u>Valid through 2026 - Issued 2017</u>
<u>AWS Certified Solutions Architect, Associate</u>	<u>Valid through 2026 - Issued 2015</u>
<u>AWS Certified DevOps Engineer, Professional</u>	<u>Valid through 2025 - Issued 2017</u>
<u>AWS Certified Security Specialty</u>	<u>Valid through 2025 - Issued 2019</u>
<u>AWS Certified Developer, Associate</u>	<u>Valid through 2025 - Issued 2017</u>
<u>AWS Certified Sysops Admin, Associate</u>	<u>Valid through 2025 - Issued 2017</u>
<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>
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>