



KRISTOPHER GAISFORD

AWS CERTIFIED LINUX ADMIN WITH A LOVE OF CLOUD AND CODE

PROFILE

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CERTIFICATIONS

Solutions Architect - Associate - October 2021
AWS

AWS Certified Solutions Architect – Associate is intended for anyone with one or more years of hands-on experience designing available, cost-efficient, fault-tolerant, and scalable distributed systems on AWS.

Linux Systems Administrator - September 2019
RedHat

Tests your knowledge in areas of system administration common across a wide range of environments and deployment scenarios. The skills tested in this exam are the foundation for system administration across all Red Hat® products.

TestOut Linux + - May 2016
TestOut

TestOut Network + - May 2016
TestOut

TestOut Computer + - May 2016
TestOut

EDUCATION

Cloud Guru
AWS DevOps Learning Path

MTECH - Mountainland Technical College
System Administration

PROJECTS

Home Automation

Using Home Assistant, I have built out home automation, to not only improve my home and make it smart but to interact with various systems, such as my Locks and Security system to bring everything into a single pane of glass.

EVERYTHING YOU NEED TO KNOW

I'm Looking to Master my craft. Anything that involves Cloud and Automation are things that peak my interest. I love to do new things so expect for me to hit the ground running on any project thrown my way. Recently AWS Certified and expect to keep working on gaining my certifications.

SKILLS

Linux

RedHat / Centos, Ubuntu, Bash

Linux Automation

Ansible, Ansible Pull, Puppet, and Foreman / Puppet

Coding

Python, Bash, JavaScript, React, Nextjs

Terraform

AWS Provider, Modules, Terragrunt

AWS

ECS, Networking, EC2, ELB, CloudWatch

WORK EXPERIENCE

TruHearing

System Administrator (Linux) / DevOps

(July 2019 - Present)

- Maintained and setup from Cloud/Servers that meet PCI, HIPAA, SOC 2, HI Trust, and NIST Compliance controls. Assisted in Weekly and Monthly Audits and Testing to verify compliance.
- Used Docker to migrate some of our on-prem infrastructure as Docker so we could move it to the Cloud. This included building everything in Terraform, handling deployments through GitLab Pipelines, and deploying to AWS services such as but not limited to ECS, ELB, Route53, RDS, Lambda, and CloudWatch.
- Implemented Several different Linux Automation tools from Puppet, Puppet / Foreman, and Ansible with AWX. This included building out all the User Management, and Playbooks to automate our controls, Patch Schedules. Everything was deployable through AWX so that the SysOps team could easily monitor and manage it.
- Took on Call Shifts where I was responsible for roughly 170 Hosts (Cloud, Servers, Applications, Switches) and nearly 500 services across our environment. Our monitoring was handled using Splunk and Nagios. We are a small team and work on cross training each other frequently, so while on call we could support those services.
- I was tasked with bringing Jamf Administration in to Administrator our MacOS computers. This required building out Packages through Jamf Composer, Writing Scripts, Configuring Polices, Automating Out of Box Setups and implementing Google Santa to bring Application Blacklisting to Apple Computers.
- Using python, I built out an internal Job Server that would take a daily CSV export from ADP and would use that data to create CSV's and Push them to other employees tools such as Motivosity, GrubHub, Bridge as well as compare ADP to our Active Directory environment, this then would alert us if things went out-of-sync. This system also ran against the 'Have I been Pwnd' database to see if any employees were any recent breaches.
- Created a Visitor Check-in/Check out using Microsoft PowerApps, as well as coded out an internal Temp Badge Check-Out solution in React, Python, and Postgres that would do reporting and work with API's to generate HelpDesk tickets

Helpdesk Technician at TruHearing

(September 2017 - July 2019)

- I worked with my team to move our On Prem Microsoft services to Office 365, and Azure AD. Which allowed me to personally Implement Microsoft Intune, which included Microsoft MFA, Conditional Access Policies as well as training to help users get setup.
- Was the front-line of support for 200+ End Users. This included working Helpdesk Tickets, supporting, troubleshooting, and replacing hardware.
- I lead the project of moving the company from Windows 7 to Windows 10 computers. This was handled through Windows Images I prepared and deployed out using WSUS.
- I onboarded and terminated employees as they left the company. This included Active Directory, Phone Systems, as well as various online accounts.

Bask

Computer Technician

(October 2015 - September 2017)

- Call and coach customers on how to navigate their computers to get connected using Logmein or Bomgar.
- Stay on top of a call back list provided by the Tech Advisors and Supervisors that would promptly need to be connected.
- Troubleshoot and diagnose problems with customer's computer(s).
- Work a full workload of 5 or more sessions resolving various issues from virus/malware removal, email/outlook issues and other problems customers would run into while using the machine.
- Resolve the customer's issues quickly, calling and verifying all work with the customers to make sure the completed work fit their needs and expectations.
- Help take and work incoming calls/chats from customers who are reaching out to get work done.
- In charge of managing and scheduling all jobs that come through Amazon Seller Central, finding qualified technicians to work requested work, and working with Amazon to close completed or canceled jobs.