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Skill Summary

Skill	Exper.	Last Used	Skill	Expr.	Last Used
AWS	6 Years	Current	Ansible	2 Years	2021
DevOps	10+ Years	Current	DNS	10+ Years	Current
Linux	10+ Years	Current	Git	8 Years	Current
Python	7 Years	Current	nginx	4 Years	Current

Career Summary
My career has included stints as a developer, systems administrator, and tools & automation developer both as a full time employee and, for the majority of my career, as a consultant. At all times my focus has been Unix and Unix-like systems. This has led me to a wide range of experience with all major flavors of Unix. As an independent consultant, I have worked with a number of teams on both large and small software/hardware projects.

Certifications
- AWS Certified Cloud Practitioner (CLF)

Work Authorization
- US Citizen

Education
- Some college

Job Experience

Independant Consultant Feb 2022 to Present
As an independent consultant I was available to assisted clients with one off, short term tasks.

Addepar, Remote Nov 2021 to Dec 2022 – Lead Senior Engineer

I was the lead senior engineer in the development of a system that allowed Addepar to quickly spin up what was called an Arcade which was a platform based on AWS resources such as EC2, ALB/ELB, Route53, S3, EKS, and ECR. This platform was used to host Addepar analysis tools for their clients. Among my accomplishments were;

- The creation of a standard library to be used in all code and the integration of this library in the code.
- Developed a number of tools to manage AWS resources being used by the platform
- Mentored a summer intern.
- Established the development and release process with a bi-weekly release cadence
- Developed tools to manage the inventory of AWS instances and their related AWS resources such as Route53 entries and S3 buckets
- Did exploratory work to determine the viability of automatic movement of running instances from one Availability zone to another.

Google, Mountain View, CA. May 2020 to July 2021 – DevOps Engineer

I was a senior DevOps Engineer for a consumer product developed and sold by Google. Among my responsibilities were;

- Developed and maintained inventory of devices and testing labs
- Planning and building out new testing labs
- Re-working existing labs to accommodate new deployments of devices and correct deficiencies with the existing setup
- Working with software and hardware developers to deploy new generations of devices and embedded system as well as troubleshooting and fixing existing deployments.
- Writing scripts to monitor the devices and automate the maintenances of the device inventory.

Juniper Networks, Sunnyvale, CA. Jan 2018 to Jan 2020 - Senior Systems Engineer/ Sr. DevOps Engineer

I was an FTE of Taos and was on assignment to Juniper Networks. During my tenure I have been assigned to Juniper Networks where I functioned as a Senior Systems Engineer / Senior DevOps Engineer. As a staff consultant I was assigned to a large network equipment manufacturer. During my tenure at this engagement I accomplished the following:

- One of three principal senior DevOps Engineer responsible for designing, implementing and deploying an internal to Juniper an OS package repository of CentOS, FreeBSD, RedHat and Ubuntu.
- Developed tools, in Python and Perl, using Git to automate the generation of release notes based on the state of OS image being built.
- Participated in the design and deployment of the system to build in-house packages for the various OS.
- Participated in setup of Foreman and Packer and in addition created a system of config files for both Foreman and Packer.
- Assisted in the setup and configuration of Jenkins.

Intuit, Mountain View, CA. May 2017 to Dec 2017 – Senior Systems Engineer/ Sr. Devops Engineer

At Intuit I was a member of a team charged with migrating various services running on VmWare virtual machines to AWS. My duties are doing bi-weekly deployments of WAR files to both testing and production servers, modifying and updating existing chef config files, creating new chef config files as services are moved from internal VmWare servers to AWS, working with both development and testing teams debug and resolve issues with a deployment, as well as doing various day to day tasks to keep the existing infrastructure running, and documenting existing systems. Enhanced several tools, written in Python, to generate release notes and release announcements.

Taos, San Jose, Ca. Jul 2015 to Jan 2017 – Senior Systems Engineer/ Sr. Devops Engineer
I was an FTE of Taos and got sent out on assignments. During my tenure I have been assigned to three clients where I functioned as a Senior Linux Systems Engineer. These clients were;
- 2K Games – Using Redhat / Centos on VmWare rewrote and corrected Puppet modules and manifests.
- Suitable Technologies. - Using Debian / Ubuntu patched and enhanced company developed system service and built deb package
- Pinterest - Using Debian / Ubuntu running in AWS space enhanced and corrected Puppet modules and manifests and enhanced and developed tools, using Python, to monitor Vms in AWS space.

Amyris, Emerville, Ca. Jan 2015 to Jun 2015 – Senior DevOps Engineer.
I was responsible for all Linux servers (Debian/Ubuntu) at Amyris. Among the tasks performed was; updating and upgrading all servers to Ubuntu 14.04 LTS, setting up a puppet system to manage all the Linux servers, migrating VMs from VmWare and VirtualBox to Hyper-V, setting up Nagios and Munin to monitor these systems. In addition to the previously mentioned tasks I was responsible for meeting with the software engineers and supporting their needs in terms of hardware and packages.

eBay, San Jose Ca. Jan 14 to Dec 2014 – Systems Engineer.
As a member of the eBay classified team I am responsible for the day to day maintenance of the servers and services that supported eBay classified and it's related properties. In addition to these tasks I am also responsible for small projects such as brining on-line new servers, retiring old servers, migrating servers from one service to new services and developing tools to automate the maintenance and management of the servers. Our servers are a mixture of Debian/Ubuntu and Redhat/CentOS in several data-centers in both the Netherlands and US.

Yahoo, Sunnyvale Ca. - Mar 13 to Dec 13 – System Engineer & DevOp.
As a member of the Sponsored Search group I was responsible for the day to day maintenance of a Yahoo internal system known as Panama. Additionally I, as part of the group, was responsible for regular maintenance of our groups servers most of which were running RedHat 5.6 and 5.8

Tiny Speck, San Francisco Ca, - Sep 12 to Nov 12 – Senior System Admin & Tools developer.

As a member of the system administration group I was responsible for maintaining the various servers, a mixture of RedHat 5.6 and 5.8, in Tiny Speck's AWS EC2 environment.

StubHub, San Francisco Ca, - Aug 11 to Aug 12 – Senior System Admin & Tools developer.
As a member of the provisioning team I am responsible for tools development and process automation. My major focus has been the automation of the process where the build environments, which contain 45 virtual machines running Centos, are created using VMWare, Cobbler and Puppet. This effort is across several data center each of which contains 75 developer environment each of which contains 45 virtual machines

Berkeley National Lab, Berkeley Ca. – Oct 09 to Jun 11 – Senior System Admin
As a member of the ESnet staff I was responsible for the maintenance and upgrades of the FreeBSD measurement machines that are distributed across America as well as in-house webservers. I also acted as the day-to-day webmaster, my duties including scripting in Perl and PHP as well helping in the migration of the existing website to one based on Silver Stripe.