MARLON MEJIA

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Bloomberg LP

Datacenter Operations Engineer
Nov 2020 - Present

○ Troubleshooting more than 10,000 application systems for **Windows**, **Linux**, **AIX**, and **Solaris**.

○ Troubleshooting more than 10,000 network devices including **Arista**, **Juniper**, **ArcOS**, **Nvidia**, **Cisco**, **Brocade**.

○ Collaborated with hardware vendors to create automation of case opening and log gathering on multiple systems and network devices using **REST APIs** and **Python**.

○ Updated legacy programs, scripts, applications, and outdated documentation on our Github using **Python**, **Bash**, and General Markup languages.

○ Created and built **Dockerfiles** to containerize applications and run deployment tests.

○ Utilized **Jira** to plan, track, support tickets, and incidents, ensuring efficient incident management and resolution.

○ Monitor Operating System and Network Hardware for any network disruptions, resource utilization, or power utilization across our datacenters via **Grafana**, **Splunk**, and **Humio**.

○ Collaborated across multiple functional and technical teams to deliver Agile-based projects, ensuring seamless communication and coordination.

○ Conduct regular audits of data center operations to identify areas for improvement and implement changes to optimize performance and reduce costs.

○ Updated documentation related to equipment inventory, network configurations, and standard operating procedures.

○ Perform routine maintenance tasks such as hardware upgrades, firmware updates, and patch management to ensure optimal system performance.

○ Troubleshoot connections and network transceivers, physical replacement of any faulty server, array, or network equipment.

NYI - New York Internet

Datacenter Technician
Jul 2020 - Nov 2020

- Provide remote hands and technical support to customers, maintain and upgrade customer hardware, mount and rack equipment.
- Monitor over 1000+ of onsite equipment, quickly aiding to any incidents or outages on our environment.
- Automation of Google Drive copy, editing, and uploading with **Python** for spreadsheets, docs, and files.
- Racking/stacking and decommissioning of hardware, RJ45 Cabling, and Fiber Cable runs. Testing of copper and fiber cable runs with Fluke equipment.

Skills

Tools:

Terraform, Ansible, Python, Bash, Powershell,
AWS CodePipeline, Github Actions, Jenkins
Proxmox, LXC, Docker

Hardware:

Switches, Servers, Arrays, Cisco, Arista, Dell, HPE, Supermicro

Operating Systems:

Linux, Unix, Ubuntu, Debian, RHEL, Windows

Certifications

- RHCSA - Apr 08, 2022
- EX200 Red Hat Certified System Administrator - Apr 08, 2022
- AWS SAA-C03 - March 31, 2023
- Comptia Security+ - November 02, 2020
- Comptia A+ - May 22, 2020

Side Projects

CI/CD Project for AWS and Github Pages

- S3 to store and manage object files for a static website, CloudFront for faster distribution of the content, Used Route 53 to correctly route my domains and mail servers. Cert Manager to create a certificate for security.
- CodePipeline and Github Actions to automate the deployment and testing of the website.

AWS / Oracle Cloud / Azure

- Utilized Packer to create a golden image for a Wireguard VPN, Terraform to provision and manage various AWS services such as EC2,

CloudFront, VPC, Security Groups, and Route53.

- Leveraged Ansible to automatically configure the installation of Wireguard VPN and NGINX on the provisioned infrastructure.
- Leverage the provisioned infrastructure created with Terraform by configruing it as a reverse proxy for my local hosted resources.

Resume

- Create in Markdown for ease of editing, used `pandoc` to convert from Markdown to multiple different formats.
- Created a CI/CD to trigger on github commit to published my website in multiple formats with `pandoc`