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- Updated legacy programs, scripts, applications, and outdated documentation on our Github using **Python**, **Bash**, and General Markup languages.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

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
- AWS SAA-C03
- Comptia Security+
- Comptia A+

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`