# 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* Updated legacy programs, scripts, applications, and outdated documentation on our Github using **Python**, **Bash**, and General Markup languages.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](https://rhtapps.redhat.com/verify?certId=220-057-368) - Apr 08, 2022
* [EX200 Red Hat Certified System Administrator](https://rhtapps.redhat.com/verify?certId=220-057-368) - Apr 08, 2022
* [AWS SAA-C03](https://www.credly.com/badges/838a30cd-0701-4069-b4be-68fe22d6962a) - March 31, 2023
* [Comptia Security+](https://www.credly.com/badges/136d58c4-24d3-4487-aad5-c51e120a3e7f) - November 02, 2020
* [Comptia A+](https://www.credly.com/badges/89fca521-f3de-4c36-90f5-7552f9c4c26e) - May 22, 2020

# Side Projects

### [CI/CD Project for AWS and Github Pages](https://marlonjmejia.github.io/)

* 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