Leonardo D Vargas

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Work Experience

Ellucian

Systems Engineer   Mar 2022 - Present

- Worked as part of managed services to maintain the infrastructure and SaaS services for a single client.
- Was SME on all third party data integration projects, frequently working with APIs to import and export data to Cloud platforms.
- Worked on projects to improve data availability and security for the client including creating new SQL clusters, moving services to redundant HA setups using proxies, and securing network communication via explicit firewall rules
- Created custom web apps and powershell/bash scripts to streamline business processes and make workflows more efficient.

Strategic Micro Systems

Systems Administrator   Mar 2021 - Mar 2022

- Managed a handful of clients and was point of contact for any new software or hardware implementaion, including new firewalls or servers..
- Met SLA response time of 3 hour for all requests.
- Performed various maintenance tasks during weekly onsite visits such as running backups of VMware servers, installing updates to network appliances, and taking care of requests to upgrade/replace workstations.

Passaic County Community College

Systems Administrator   May 2020 - Mar 2021

- Maintained Active Directory along with Windows services (DHCP, DNS, File Sharing), VMware servers, and VDI services for staff and students across four campus locations.
- Audited and made changes to firewall rules to ensure least privilege between vlan networks.
- Promoted from help desk by suggesting useful solutions and working with the infrastructure team to organize the datacenter.

Technical Skills

Programming Languages:	Python, Javascript, Bash, Powershell, HTML/CSS, MySQL
Operating Systems & Platforms:	Linux (Debian & RHEL), OSX, Windows Server & Azure, O365
Tools:	Git, Ansible, Docker, Elasticsearch, Terraform, Postman, Nmap

Certifications

CompTIA PenTest+

CompTIA Security+

CompTIA Network+

CompTIA A+

AWS Cloud Practitioner

Education

Passaic County Community College

A.A.S Information Technology, Network Administration   Sept 2017 - Dec 2019

Western Governors University

B.S. Information Technology, Cyber Security   Jan 2020 - Jan 2021

Side Projects

HomeLab

Running a virtualization host for testing/learning purposes. Mainly using open source software (pfsense, proxmox, xcp-ng, icinga, etc.) Currently working on testing different virtual firewalls and LLMs.

Local LLM Integrations

Building on the HomeLab, I'm working on writing integrations for local LLMs to process things like code, files, and OS commands.