

Carlos A. Villa

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Education

- A.A.S in Cybersecurity – Northern Virginia Community College | May 2016

Work Experience

March 2022 – Present: IT Operations Specialist – Paychex

- Experienced in managing and optimizing Azure cloud environments with a focus on reliability, scalability, and security.
- Proficient in deploying and managing Azure resources, including virtual machines, storage accounts, and networking components, ensuring seamless cloud operations.
- Utilized Azure Monitor to track and analyze the performance and health of cloud resources.
- Leveraged Azure Resource Graph to efficiently query and identify resources across subscriptions, including detecting outdated TLS versions, which enabled timely security updates and compliance.
- Troubleshoot, maintain, and administer Oracle and SQL databases, ensuring their security and optimal performance.
- Administer Linux servers, including installation, configuration, and troubleshooting, to maintain a secure and robust infrastructure.

April 2021 – March 2022: Data Center Operations Specialist – AWS

- Conducted comprehensive network and server assessments to identify vulnerabilities and recommend security enhancements.
- Performed network troubleshooting, fiber optic cabling troubleshooting, and switch configuration to ensure secure and reliable network connectivity.
- Analyzed server logs and conducted root cause analysis to identify and remediate security incidents.
- Led training sessions for the team on rack recovery events, enhancing their ability to respond to critical situations.

September 2017 – April 2021: IT Specialist – JDM Title LLC

- Managed server and network support, including Azure cloud environment, to maintain a secure and reliable infrastructure.
- Maintained Active Directory, group policies, and DNS to ensure secure user access and efficient network operations.
- Implemented backup solutions, such as Macrium, to safeguard critical files and ensure data availability.
- Managed patch management for Windows Servers/Clients, applying security updates and minimizing vulnerabilities.
- Administered Office 365 environment, including licensing, distribution groups, and mail flow troubleshooting.
- Resolved issues with on-premises and cloud Active Directory, ensuring seamless user access and data security.

Certifications

- CompTIA Security+
- Microsoft Certified: Azure Fundamentals

Technical and Functional Skills

Cyber Security Operations, Network Security, Windows Administration, Database Administration (Oracle, SQL), Linux Server Administration, Active Directory, Incident Response, Azure Monitor, Azure Policy, Splunk, DevOps, Cloud Security, Virtualization (Vmware)