

Nicolas Teixeira

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System Engineer with extensive IT experience specializing in system administration, infrastructure automation, and cloud migration. Proven ability to integrate complex systems, implement security best practices, and deliver high-quality solutions for improved efficiency and operational excellence. Committed to continuous learning and staying current with the latest DevOps methodologies and technologies.

Technical Area Expertise

DevOps, Cloud, & System Administration & Virtualization:

- Experience with CI/CD pipelines (e.g., Azure DevOps Services)
- Infrastructure as code (IaC)
- Containerization (Kubernetes)
- Cloud computing (Azure, AWS) for infrastructure management, resource provisioning, and cloud migration strategies
- Proficient in managing Linux, Windows, and virtualized environments (VMware, Proxmox, Microsoft Hyper-V)
- Scripting (PowerShell, Ansible, Bash) for automation tasks

Security & System Integration:

- Implemented Single Sign-On (SSO) solutions and managed SSL certificates.
- Successfully integrated various systems (AODB, airport management, SIEM)
- Working knowledge of Identity Access Management systems (Keycloak)

Network Infrastructure:

- Designed, implemented, and maintained secure network configurations (firewalls, ACLs, VLANs)
- Performed network troubleshooting (ping, traceroute, nslookup, port scanning)
- Leveraged SSH and Telnet for remote access and troubleshooting
- Collaborated with network security teams for SIEM integration

Programming Languages:

- Demonstrated programming proficiency through coursework and personal projects on GitHub (e.g., Python, Java, C#, SQL, JavaScript, C++).
- Developed problem-solving skills by applying programming concepts to personal projects on GitHub and tailoring applications
- Expanded programming knowledge through university courses and online learning platforms

Experience and technical skills

System Engineer, ADB Safegate Columbus, OH April 2023 to Present

- Designed & implemented secure, scalable IT infrastructure for critical airport systems.
- Utilized DevOps practices (Azure DevOps) for software automation.
- Deployed bare-metal, virtual, and cloud-based systems (Windows, Linux, Kubernetes).
- Configured High Availability (HA) clusters for databases and identity management.
- Integrated third-party systems and APIs for seamless data exchange.
- Implemented and maintained cybersecurity best practices.
- Collaborated with cross-functional teams for successful project delivery.
- Tailored C++ application behavior for customer requirements by modifying configuration files and deploying updated binaries.

Product Support Specialist, LPL Financial San Diego, CA August 2021 to April 2023

- Provided exceptional customer service to financial advisors & internal partners.
- Troubleshooted complex software issues related to proprietary LPL & vendor applications.
- Partnered with escalation teams to resolve critical issues efficiently.
- Maintained detailed service records for clear communication and timely ticket resolution.
- Leveraged financial industry knowledge to ensure regulatory compliance.

Technical Support Specialist II, Express Hospitality Inc. San Diego, CA July 2018 to July 2021

- Managed hardware, software, and related systems (provisioning, installation, operation, maintenance).
- Streamlined onboarding processes by configuring desktops for new hires.
- Ensured system integrity and availability through monitoring.
- Offered expert troubleshooting for hardware, software, and configuration issues (on-site & remote).
- Maintained network health through LAN/WAN maintenance activities.

Education

Bachelor of Science in Computer Science, University of the People, August 2024

Associate's degree in Computer Science, University of the People, November 2022

Languages

English Portuguese – Native/Near-native

Spanish – Proficient/Professional

Certifications and Licenses

Introduction to Cybersecurity, February 2023 to Present

Cybersecurity for Business, March 2023 to Present

CS50 Introduction to Computer Science, December 2021 to Present