

Nicolas Teixeira

Columbus, OH 43235
nicolasnk_teixeira@hotmail.com

<https://github.com/nicolasnkgh>
<https://www.linkedin.com/in/nicolasdealmeidateixeira/>
<https://nick-t.net/>

Proactive System Engineer with a proven track record of leading high-stakes projects and implementing innovative solutions.

- Expertise in DevOps, CI/CD pipelines, cloud migration (Azure, AWS), and system administration.
- **Successfully led a \$30 million infrastructure project for United Airlines and managed the migration of a critical on-premise system to AWS for Delta Airlines.**
- Committed to driving operational excellence through automation, security best practices, and continuous learning.

AREA EXPERTISE

DevOps, Cloud, & Systems:

- 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 and implemented robust network architectures, including secure configurations for firewalls, ACLs, and VLANs to optimize performance and security.
- Troubleshoot and resolved complex network issues using a variety of tools, including Wireshark, ping, traceroute, nslookup, and port scanning to ensure network reliability and uptime.

- Managed and secured remote network access by configuring and maintaining VPNs, SSH, and Telnet, while also establishing reverse proxies and secure tunnels for enhanced data transfer.
- Engineered and deployed advanced networking solutions, including overlay networks, to improve scalability and resource management.
- Collaborated with cross-functional teams to integrate network security best practices and ensure seamless SIEM (Security Information and Event Management) integration for threat detection and incident response.

Programming Languages:

- Developed and maintained scripts using PowerShell, Ansible, and Bash to automate system administration tasks and streamline workflows.
- Applied programming concepts to personal projects on GitHub, demonstrating proficiency in Python, Java, C#, SQL, JavaScript, and C++.

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 Azure DevOps to design and manage CI/CD pipelines, automating software delivery and deployment.
- 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.
- Engineered a new wireless system to facilitate seamless communication between the AVDGS and AiPRON Manager systems, improving operational efficiency.
- Stepped in as project lead immediately after onboarding to successfully migrate a critical on-premise system for Delta Airlines to AWS, ensuring project continuity and a seamless transition.
- Led a cross-functional team as Project Engineer for a \$30 million project with United Airlines, overseeing all phases from conception to completion.

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

M.S. in Software Engineering and DevOps Engineering

Western Governors University

In Progress Expected August 2026

B.S. in Computer Science

University of the People

August 2024

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