

ZECHARIA LOZADA

INFORMATION TECHNOLOGY & CYBERSECURITY

Dallas TX | zlozada25@gmail.com | www.zecharialozada.com | <https://www.linkedin.com/in/the-zecharia-lozada/>

Cloud-focused IT professional with 10+ years of experience in application support, QA engineering, and infrastructure monitoring on AWS platforms. AWS Solutions Architect certified with hands-on experience in AWS IAM policies, role-based access controls, Linux/Windows administration, and security monitoring across 20+ enterprise servers. Skilled in Python automation, network security, and cross-team collaboration; bringing a security-first mindset to client-facing support and identity access management engineering roles.

PERSONAL SKILLS

- Root Cause Analysis
- Cross-functional Collaboration
- SLA-Driven Prioritization
- Technical Documentation & Knowledge Base Authoring
- Client-Facing Support & Stakeholder Management
- Incident Response & Escalation
- Proficient in AI Claude & ChatGpt

PROFESSIONAL EXPERIENCE

Digital Matrix Systems

Network Operations Engineer	Jan 2026 - Present
Manual Test Engineer II	June 2024 - Dec. 2026
Manual Test Engineer I	Nov. 2021 - June 2024

- Diagnosed and resolved application defects across AWS-based platforms, reducing issue recurrence through root cause analysis.
- Served as liaison between development and business teams, translating technical findings into actionable resolutions for non-technical stakeholders.
- Designed and executed 1000+ manual and automated test cases for AWS-based applications, achieving 93% test coverage across critical systems
- Reduced QA turnaround time by 25%, directly improving release reliability and minimizing client-facing downtime.
- Conducted end-to-end system testing and UX evaluations across 6 applications, identifying an average of 30+ defects per release before reaching production.
- Maintained and troubleshoot secure infrastructure across Windows and Linux environments, ensuring system availability and performance.
- Monitored access patterns, system performance, and security events across 20+ enterprise servers using Amazon CloudWatch and PRTG, supporting infrastructure integrity and availability
- Configured and maintained alert thresholds, including 80%+ CPU utilization triggers to proactively identify and resolve infrastructure issues before impacting operations

The Home Depot

District Asset Analyst	January 2020 - October 2021
Asset Protection Specialist	January 2016 - Dec 2019

- Security Monitoring & Threat Detection: Oversaw the administration of 20+ security systems and conducted analysis of 20+ exception reports on a weekly basis, identifying and flagging an average of 15+ potential vulnerabilities and anomalous access patterns per quarter, directly supporting risk mitigation and threat remediation efforts.
- Compliance & Security Auditing: Executed 10+ monthly audits of physical and electronic security controls across 20 stores in the North East Region to assess vulnerabilities and ensure operational integrity, escalating identified risks to appropriate stakeholders while sustaining a 95%+ compliance rate across all safety and environmental programs.
- Incident Documentation & Evidence Handling: Authored 30+ comprehensive vulnerability reports annually in support of security investigations, ensured strict adherence to chain of custody protocols across multiple concurrent cases, and maintained 100% accuracy in all associated documentation and recordkeeping.
- Security Awareness & Training: Cultivated a security-conscious organizational culture by spearheading quarterly awareness initiatives and delivering targeted training to 900+ associates across the North East Region on threat deterrence, social engineering recognition, and phishing attack identification, resulting in an estimated 60% increase in social engineering awareness across the associate network.

ZECHARIA LOZADA

INFORMATION TECHNOLOGY & CYBERSECURITY

Dallas TX | zlozada25@gmail.com | www.zecharialozada.com | <https://www.linkedin.com/in/the-zecharia-lozada/>

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, VPC, RDS, KMS, Security Hub, Network Firewall), Azure DevOps
- **Languages & Scripting:** Python, PowerShell, Java, JavaScript, JSON, HTML, CSS
- **Security Tools:** Suricata, AWS WAF, ACLs, Security Groups, Firewall Manager, AWS IAM, MFA Administration
- **DevOps & Automation:** Manual & Automated Testing, Agile Methodologies, CI/CD
- **Databases:** DynamoDB(NoSQL), RDS (SQL)
- **Operating Systems:** Windows, Linux
- **Networking:** TCP/IP, DNS, VPC Peering, Transitive Gateways, Security Monitoring, Network Security
- **APIs & Architecture:** REST APIs, Microservices, CI/CD Pipelines, Cloud-Native Services
- **Identity & Access:** AWS IAM Policies, Role-Based Access Control (RBAC), Security Groups, MFA, SSO Concepts, Okta

EDUCATION

- John Jay School of Criminal Justice
Bachelors of Science - Computer Science and Information Security

CERTIFICATIONS

- | | |
|---|--|
| • AWS Cloud Practitioner
Certified 2023 - 2028 | • AWS Solutions Architect Associate
Certified 2025 - 2028 |
|---|--|