

Armando Rodriguez

Senior Cloud Engineer & Solutions Architect | Active Secret Clearance

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PROFESSIONAL PROFILE

Senior Cloud Engineer and Solutions Architect with 12 years designing, deploying, and operating secure enterprise, hybrid-cloud, and edge infrastructure for classified Department of Defense missions. Brings end-to-end depth across Azure, Microsoft 365, identity, VMware, Linux containers, networking, storage, and automation, paired with experience translating mission requirements into architectures, implementation plans, executive briefings, and operational outcomes. Trusted by Chief Engineers, CIOs, VPs, and program leaders to clarify ambiguous requirements, shape technical decisions, and drive solutions from discovery through go-live. U.S. Marine Corps veteran; AZ-305 and AZ-104 certified.

CORE CAPABILITIES

- Customer & Mission Discovery
- Azure, Hybrid & Edge Infrastructure
- VMware, Docker & Linux Platforms
- Automation, APIs & Operational Reporting
- Solution Architecture & Technical Scoping
- Compute, Storage & Network Integration
- Identity, Security & Zero Trust
- Executive Briefings, Design Reviews & Documentation

TECHNICAL DEPTH

CLOUD & IDENTITY

Azure IaaS/PaaS, Entra ID, Active Directory (AD DS, ADFS, GPO), Microsoft 365, Intune/MECM, Azure Site Recovery, Zero Trust

PLATFORMS & VIRTUALIZATION

VMware vSphere/vCenter/vSAN, Hyper-V, Docker, Linux, PostgreSQL

NETWORK & SECURITY

Cisco, Palo Alto, Cloudflare, Microsoft Sentinel, PKI, STIG/SCAP

EDGE & DEVICE MANAGEMENT

TAK Server, Android Enterprise MDM, Tactical Device Fleet Management

AUTOMATION & VISIBILITY

PowerShell, Microsoft Graph API, Terraform, Bicep, Python, Power BI, Grafana

PROFESSIONAL EXPERIENCE

Senior Azure Cloud Engineer

08/2025 - Present

AeroVironment | Remote

- Architected and launched the enterprise-scale Azure foundation for a classified program, integrating compute, networking, storage, identity, security, and automation for sustained mission operations.
- Serve as the primary tenant owner across Azure, Microsoft 365, and Entra ID, governing RBAC, identity lifecycle, security policy, and enterprise configuration.
- Translate program and stakeholder requirements into technical designs, vendor evaluations, procurement recommendations, and technology roadmaps.
- Engineered Azure Automation, PowerShell, and Microsoft Graph pipelines that removed repetitive administration and delivered current operational reporting to SharePoint and senior leadership.
- Built Microsoft Sentinel detections that correlate Cloudflare gateway telemetry with Entra authentication events to surface anomalous access patterns and strengthen insider-threat visibility.
- Architect and operate a Docker-based Linux application platform supporting Grafana, Element, Wiki.js, Zammad, MobSF, custom services, and PostgreSQL, owning service reliability and lifecycle management end to end.
- Own tactical edge services spanning TAK Server, PKI, PostgreSQL, Android Enterprise, Intune compliance, line-of-business application delivery, and executive Power BI/Grafana dashboards.

PROFESSIONAL EXPERIENCE (CONTINUED)

Sr. Systems Architect / Engineer**08/2024 - 08/2025****Leidos** | *Ft. Meade, Maryland*

- Led infrastructure and identity discovery, architecture, and migration planning for 10+ DoD agencies supporting 45,000+ users and 25,000+ endpoints.
- Advised agency Chief Engineers, VPs, CIOs, and program stakeholders; presented architectures, incorporated feedback, and guided decisions through design review and go-live.
- Translated mission, cybersecurity, and operational constraints into target-state architectures, technical scopes, migration strategies, and implementation plans.
- Designed hybrid Azure solutions integrating IaaS, enterprise identity, Azure Site Recovery, Zero Trust controls, Terraform, and Azure Bicep.
- Authored EIPs, BOMs, CAB submissions, cutover runbooks, and deployment scripts that reduced execution risk and protected operational continuity.

Senior Windows Systems Engineer**09/2023 - 08/2024****ECS Federal** | *Arlington, Virginia*

- Designed multi-site Active Directory architecture for the PSNet and EAE networks, including topology, replication, DNS, and domain services.
- Led ADFS, Group Policy, and hybrid identity initiatives integrating Azure AD/Entra ID for secure authentication and access management.
- Engineered physical and virtual compute, storage, networking, Azure, VMware vSphere, and vCenter solutions end to end.
- Built a production-replica lab that enabled safe validation of on-prem and Azure architecture changes before implementation.

Senior Systems Engineer Supervisor**05/2022 - 09/2023****Bexar County Information Technology** | *San Antonio, Texas*

- Led and mentored six systems engineers while directing infrastructure operations, project delivery, and technical development.
- Architected hybrid infrastructure across two data centers and Azure, supporting 500+ servers, 6,000+ users, VMware, and Dell EMC/NetApp storage.
- Drove Agile planning and ITIL-aligned operations while ensuring reliable integration across identity, virtualization, storage, and cloud workloads.

Systems Engineer III**10/2021 - 05/2022****General Datatech - U.S. Army Client** | *San Antonio, Texas*

- Served as an on-site engineering point of contact for U.S. Army requirements while delivering VMware HA/DRS/vMotion, multi-domain Active Directory, PKI, MECM, and WSUS.
- Designed Azure compute, storage, and networking services and enforced DoD STIG/SCAP compliance across cloud and on-prem infrastructure.

Systems Administrator III**03/2020 - 07/2021****Apex Systems - U.S. Army Client** | *San Antonio, Texas*

- Delivered U.S. Army systems administration across Azure, VMware, Windows Server, Microsoft 365, Exchange Online, SharePoint, Teams, and Intune.
- Strengthened security through STIG implementation, conditional access, configuration hardening, and continuous infrastructure monitoring.

Lead Systems Engineer / Sergeant**05/2015 - 05/2019****United States Marine Corps** | *Marine Corps Base Hawaii*

- Led a 16-person engineering and support team that deployed and sustained a complete client-server environment for 900+ users.
- Directed delivery of Active Directory, virtualization, PKI, Exchange, networking, continuity, and disaster-recovery capabilities.
- Served as senior IT systems SME and frequently performed IT manager responsibilities while reporting to the communications officer.

Earlier Experience: Computer Technician, TigerDirect (2014-2015) | IT Consultant, CompuPlanet (2014)

EDUCATION & CERTIFICATIONS

EDUCATION**B.S., Information Technology**

Western Governors University | 2021-2024

A.S., Physics

South Texas College | 2010-2014

CERTIFICATIONS**Microsoft Azure**

Solutions Architect Expert (AZ-305) | Administrator Associate (AZ-104)

Cisco & CompTIA

CCNA | Security+ | Network+ | Project+

IT Service, Cloud & Linux

ITIL v4 Foundation | AWS Cloud Practitioner | LPI Linux Essentials