

Richard Morales
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Clearance: Secret (Active)

Certifications and Training:

- **CompTIA A+/Network+/Security+** – Awarded August 2024
- **Cisco Certified Network Associate (CCNA)** – Awarded September 2024
- **LPI Linux Essentials** – Awarded November 2025
- **AWS Solutions Architect – Associate** – Awarded August 2026

Technical Skills

Cloud: AWS (VPC | EC2, S3 | CloudFront | Route 53 | Lambda | API Gateway | DynamoDB | RDS | IAM | CloudWatch | Cognito | ACM)

Infrastructure as Code: Terraform | AWS SAM | HCL

Containers: Docker | Docker Compose

CI/CD & Version Control: Git | GitHub | GitHub Actions

Networking: TCP/IP | VLANs | VPNs | NAT | DHCP | BGP | OSPF | EIGRP | STP/RSTP

Network & Security: Cisco IOS | ACLs | TACLANE | Firewalls | IDS/IPS | Wireshark | SSH/Telnet

Scripting: Python | PowerShell

Cloud & DevOps Projects

Terraform Infrastructure Platform | AWS, Terraform, GitHub Actions

- Built reusable Terraform infrastructure deploying a highly available AWS architecture across multiple AZs with VPC networking, ALB, Auto Scaling EC2, RDS, S3, IAM, and CloudWatch.
- Implemented remote state, modular IaC, environment separation, and GitHub Actions CI/CD for Terraform validation and deployment.

Serverless Help Desk | AWS SAM, Lambda, API Gateway, DynamoDB, Cognito

- Built a serverless ticketing application using API Gateway, Python Lambda functions, DynamoDB, Cognito authentication, CloudFront, and S3.
- Implemented ticket creation, administration, status tracking, automated testing, and CI/CD using AWS SAM and GitHub Actions.

Professional Work Experience

NMCI Field Base Network Team – TEK Systems

Communications Network Engineer

February 2026 – Present

- Provided operational support for enterprise LAN/MAN/WAN networks, troubleshooting Layer 1-3 issues across 20,000+ users through onsite and remote assistance.
- Installed, upgraded, configured, and reconfigured Cisco routers, switches, servers, and network monitoring devices, supporting mission-critical Navy shore networks.
- Coordinated and executed network maintenance activities and outage responses, ensuring minimal service disruption while following established change and escalation procedures.
- Supported and configured routing and network technologies including Ethernet/IP, OSPF, BGP, EIGRP, VLANs, cabling, and port assignments in large-scale environments.
- Provided hands-on support for wireless networks, VPNs, Intrusion Prevention Systems (IPS), and WAN optimization technologies including Aruba controllers and Riverbed Steelhead WAN accelerators.

- Served as a local COMSEC support element, receiving TACLANE troubleshooting briefings and performing TACLANE re-key operations, while documenting root cause and corrective actions in the Incident Management System.

**NMCI Field Services Team – TEK Systems
IT Specialist**

October 2025 – February 2026

- Provide Tier-2, in-person and remote end-user support for DoD/Navy personnel, diagnosing and resolving hardware, software, connectivity and permissions issues for NIPR/SIPR assets.
- Respond to network outages and scheduled maintenance activities, coordinating with network engineers and service desk to restore services.
- Install, replace, and reconfigure network-connected hardware, including workstations, secure peripherals, and printers.
- Utilized PowerShell scripting to automate repetitive tasks, reduce manual workload, and improve ticket throughput/efficiency.
- Perform onsite and remote troubleshooting of Ethernet connectivity, VLAN assignments, port issues, and device configuration problems.
- Maintain secure handling and tracking of sensitive Navy data and systems in compliance with DoD cybersecurity and zero-trust standards, especially on Flank Speed IL-5 /IL-6 environments.

**United States Marine Corps Reserves – Sergeant (E-5)
Data Systems Supervisor**

June 2020 – October 2025

- Installed, configured, and maintained tactical and garrison IT infrastructure, including servers, routers, switches, workstations, and networked peripherals across NIPR and SIPR environments.
- Administered and troubleshooted enterprise and tactical networks, including VLANs, VPNs, NAT, EIGRP, and BGP, while maintaining compliance with DoD cybersecurity requirements, STIGs, and IA controls.
- Provided workstation-to-server technical support, account administration, hardware/software troubleshooting, and help desk operations, including Remedy ticketing and SAAR account requests.
- Led and trained junior Marines in IT support, network configuration, systems administration, and cybersecurity practices; assumed Data Chief responsibilities for two months during operational deployment.
- Supported the Marine Corps Enterprise Network (MCEN) and maintained communications during field and multinational exercises, including ITX, MTX, KMEP, and Korea Viper.
- Deployed with 2/23 Marines under the Unit Deployment Program, supporting enterprise IT infrastructure and communications alongside Republic of Korea Marines in an overseas operational environment.

Education

Bakersfield College — A.A., Political Science; A.A., History, 2021
60+ additional undergraduate credits completed toward a B.A. studies

Awards and Recognition: Navy and Marine Corps Achievement Medal • Selected Marine Corps Reserve Medal • Meritorious Unit Citation • Sea Service Deployment Ribbon • Korea Defense Service Ribbon