

Aryn Sparks

|| San Angelo, TX 76903 ♦ 580.309.0168 ♦ aryn.sparks1987@gmail.com ♦ ||
Network Engineering Leader ♦ Multiplatform Developer

Professional Summary: Network Engineer with experience supporting state-level and private sector projects. Skilled in network architecture, automation, and software integration, with additional experience in mobile and web development. Currently pursuing software development studies to expand technical expertise and deliver scalable, efficient technology solutions.

Skills:

- Network Architecture
- Software & Automation
- Mobile & Web Experience
- Operations & Support
- Ubiquiti Certified (6 yrs+)
- Shipping Surfaces Networks
- Hybrid Technologist
- Java, Kotlin, Swift, SwiftUI
- Core Languages: C++/Python

Work History:

Independent Contractor

2023 –

Present

- Partnered with multiple tech companies and public agencies across Texas using an on-demand network, which featured engineering and software automation engagement.
- Delivered turnkey wireless and fiber builds, owning assessment, design, activation, and stabilization.
- Developed automated toolchains in Python, C, Java, and Kotlin to streamline configuration and observability.

Network Engineer & Consulting Partner

Aug 2019

- Present

C&J Cable

- Designed, deployed, and secure large-scale fiber and wireless topologies delivering carrier-grade service quality as part of a long-running consulting engagement.

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- Translated design intent into robust physical and logical architecture across metro, rural, and industrial footprints.
- Engineer custom automation for Ubiquiti platforms, streamlining provisioning, monitoring, and remediation.

Customer Success Consultant/System Administrator
- Jul 2023

Oct 2022

Office of Management and Enterprise Services

- Supported statewide agencies with mission-critical services, bridging citizen-facing support and enterprise infrastructure.
- Delivered Tier 2 support and incident resolution for agency stakeholders, maintaining SLAs and satisfaction scores.
- Administered Windows and Linux system, managed identity services, and hardened environments against threats.

Founder/Consultant
Nov 2022

Oct 2019 –

SparkNetUS

- Developed independent consultancy delivering turnkey network architecture, embedded development, and system integration.
- Built resilient SMB and municipal networks, pairing secure routes with intuitive observability dashboards.
- Guided clients through regulatory compliance, vendor selection, and lifecycle planning.

Systems Administrator and Operations

2009 – 2015

Earlier Roles:

- Managed Windows on multi-sites, cloning fleets or endpoints, and keeping gamers online.
- Administered Active Directory, imaging, and network racks for Account Control Technology.

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- Led systems reliability and security checks for BOOMERS Game room with a 25-terminal window network.

Education

Ubiquiti Certified Networking Specialist

Howard College 2019

CompTIA A+

Howard College 2019

Angelo State University

Completed graduate coursework for computer programming.

Howard College

2008

AAS: Associates of Applied Science: Computer Information Systems