

Magnolia Curry

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SUMMARY

Telecommunications technician with six years supporting **fiber optic installation**, **fusion splicing**, OTDR testing, network maintenance, and **field service operations**. Hands on work includes preparing fiber cables, interpreting fiber matrices, analyzing test results, identifying connectivity issues, and maintaining accurate **production documentation**. Experience spans residential, commercial, aerial, outdoor, and enclosed work environments, with consistent attention to approved safety procedures and technical requirements. Comfortable operating fusion splicers, OTDR equipment, hand tools, and other testing instruments while coordinating practical field tasks. Technical training in telecommunications technology supports sound structured cabling knowledge and disciplined troubleshooting. Reliable records, careful equipment inspections, and clear project updates help teams complete network work safely and keep communication infrastructure performing as expected.

EXPERIENCE

Fiber Technician, Telecommunications Network Maintenance

April 2022 - Present

Mountain Fiber Services

Roanoke, VA

Supports telecommunications infrastructure projects through fiber preparation, fusion splicing, OTDR analysis, documentation, troubleshooting, equipment inspections, and safe field operations. Work includes aerial and enclosed assignments requiring accurate records, practical tool use, and careful interpretation of technical data.

- Completed fiber preparation and **fusion splicing** for **telecommunications** infrastructure projects.
- Used **OTDR** equipment to analyze **test results** and identify fiber performance issues.
- Maintained splice documentation, production records, and material tracking information.
- Inspected field equipment and followed **safety procedures** during network operations.
- Supported aerial and enclosed work environments with approved tools and methods.
- Diagnosed connectivity issues through testing data and structured **troubleshooting**.

Fiber Installation Technician, Structured Cabling

July 2020 - March 2022

SignalWorks Network Solutions

Lynchburg, VA

Installed and maintained fiber optic components across residential and commercial network environments. Prepared cables, splice enclosures, and materials while documenting installation details, supporting quality reviews, and communicating project status during outdoor field assignments.

- Installed fiber optic components across residential and commercial network environments.
- Prepared cables, splice enclosures, and materials against technical requirements.
- Recorded installation details and communicated project status updates clearly.
- Used **hand tools** and testing equipment for assigned network tasks.
- Followed workplace safety standards during outdoor field assignments.
- Assisted quality checks and documentation reviews for completed installations.

PROJECTS

Regional Fiber Network Testing 📅 2024

Supported a field network testing initiative focused on OTDR readings, splice records, issue identification, and reliable documentation for telecommunications infrastructure.

Structured Cabling Installation Support 📅 2021

Contributed to structured cabling work through cable preparation, enclosure setup, hand tool operation, field testing, and installation record updates.

LEADERSHIP & AWARDS

- Recognized for accurate splice documentation and dependable production record maintenance.
- Commended for safe field support across aerial and enclosed work environments.
- Selected for consistent troubleshooting support during fiber connectivity investigations.

EDUCATION

Technical Certificate in Telecommunications Technology

2020

Virginia Technical Institute GPA: 3.5

Virginia, United States

Coursework: Fiber optics, telecommunications systems, structured cabling, network testing

CERTIFICATIONS

- Fiber Optic Association CFOT Certification 📅 2022
- Virginia Driver License 📅 2020

TECHNICAL SKILLS

- **Fiber Splicing Equipment:** Fusion splicer, cleaver, stripper
- **Fiber Testing Equipment:** OTDR, optical power meter, light source
- **Fiber Documentation:** Fiber matrix, splice records, material tracking
- **Telecommunications Systems:** Fiber optic cable, network infrastructure, communication systems
- **Structured Cabling:** Cable preparation, splice enclosures, low voltage cabling
- **Field Tools:** Hand tools, inspection tools, labeling tools
- **Safety Equipment:** Personal protective equipment, fall protection, confined space gear
- **Network Troubleshooting:** Connectivity testing, issue identification, test result analysis
- **Work Environments:** Outdoor sites, aerial locations, enclosed spaces
- **Quality Processes:** Quality checks, production records, documentation reviews

SKILLS

- | | | | |
|----------------------|-----------------------|---------------------|----------------------|
| • Fiber Optics | • Structured Cabling | • Cable Preparation | • Confined Spaces |
| • Fusion Splicing | • Network Testing | • Troubleshooting | • Hand Tools |
| • OTDR Testing | • Safety Procedures | • Field Operations | • Technical Training |
| • Telecommunications | • Fiber Documentation | • Aerial Work | |

PROFESSIONAL AFFILIATIONS

- Fiber Optic Association, CFOT certified member since 2022.
- Telecommunications technology community participant focused on fiber installation practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST