



# NATHANAEL BROWN

LV-Cabling Technician / Web Designer

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## CERTIFICATIONS

- Programming with JavaScript
- Certified Scrum Professional® – ScrumMaster
- Introduction to Front-End Development

## EDUCATION

**Graduate Diploma**  
**Penn Foster High School**

1996 – 2000

## TOP SKILLS

- I.S. Cabling
- Optical Fiber
- Fusion Splicing
- IT Infrastructure Design

## EXPERTISE

- Self Management Skills
- Problem Solving
- Critical Thinking
- Communication Skills
- Negotiation

## LANGUAGE

- English

## PROFILE

Low Voltage Technician | Web Designer | Software Developer 14+ yrs in network cabling & fiber optics. Now expanding into web design dev with HTML, CSS, JS. Committed to quality & growth. #TechPro #WebDev #FiberOptics

## WORK EXPERIENCE

### Mercury Broadband

2023 – 2024

OSP Technician II | Fiber Optic Splicing Assistant

- Installed and maintained fiber optic infrastructure for rural Michigan communities.
- Gained expertise in cabling techniques and equipment handling.

Optical Fiber Splicing Expertise

- Installed and maintained fiber optic infrastructure in rural Michigan communities.
- Gained expertise in optical fiber splicing using the Fujikura 90S core alignment splicer.
- Conducted dressing, stripping, cleaning, and splicing for 4-port, 12-port, and XPCan XPI2 enclosures (up to 288 splices).
- Promoted to Optical Fiber Splicing Assistant within six months, leading a team in deploying micro-cell cables across multiple counties.
- Preset distribution clusters, installed residential drop enclosures, and performed OTDR testing to ensure signal clarity.
- Proficient in working with 24, 48, 96, 144, and 288-count fibers.
- Operated specialized equipment, including Fujikura 90S, Plummet Mini-Jet, and AFL FlexScan OTDR.
- Focused on enhancing connectivity for underserved areas with high-speed internet access.

## Acquired Skills

- Presetting distribution clusters
- Fiber optic cable installation and maintenance
- Optical fiber splicing
- Utilizing Fujikura 90S Core Alignment Splicer & AFL FlexScan OTDR
- Large-scale fiber optic network deployment
- Troubleshooting fiber network issues
- Precision in splicing techniques

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## Acquired Skills

- Client training and onboarding
- Simplifying complex technical concepts for non-technical audiences
- Adapting training method
- Providing personalized solutions for client needs
- Building client confidence with hands-on training
- Offering post-installation support and guidance
- Conducting workshops or one-on-one sessions

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### Technical Proficiency

- Skilled in working with various fiber counts: 24, 48, 96, 144, and 288 micro-cell optical fibers.
- Operated specialized equipment:
- Fujikura 90S Core Alignment Splicer
- Plummet Mini-Jet
- AFL FlexScan OTDR

### Mission-Focused

- Dedicated to improving connectivity for underserved areas by delivering high-speed internet access with precision and reliability.

## REFERENCES

### Duane Brewer

Lead Fiber Optic Splicer | Foreman

**Phone:** 989-295-6666

**Email:** DuaneBrewer@mercuryBroadband.com

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## Geek Squad

GS Home Theater Agent

2022 - 2023

### Home installation Experience

- Installed and configured home theater systems, including TVs, projectors, and surround sound setups.
- Set up and connected smart home devices such as smart speakers, cameras, and thermostats.
- Installed and configured network equipment, including routers, modems, and Wi-Fi extenders.
- Ensured proper cable management for clean and professional installations.
- Conducted system testing to confirm functionality and performance.
- Provided personalized tutorials to clients on operating new systems and devices.
- Assisted clients with troubleshooting and resolving installation-related issues.
- Maintained strict adherence to safety standards and best practices during installations.
- Delivered high-quality customer service, ensuring satisfaction with completed setups.

## REFERENCES

### Christina Tringali

GS Market Manager

**Phone:** 248-294-9625

**Email:** christina.tringali@bestbuy.com

### Adam Greine

GS Double Agent PC | HT

**Phone:** 248-234-0397

**Email:** adam.greine@bestbuy.com

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## Acquired Skills

- Low-voltage IT and A/V system installation, maintenance, and testing
- Adherence to strict cabling and device installation standards
- Complex functionality repairs on interactive displays and systems
- Troubleshooting and maintenance of low-voltage displays and associated systems
- Proficiency with vendor-provided displays and advanced technologies
- Team training and leadership for deployment projects
- Project support and execution for large-scale initiatives
- Detailed reporting and process improvement feedback
- Client relationship building and tailored solution deliveries
- Successful execution of large-scale projects, ensuring timely completion of scope

## BEST BUY Remodel Project Team

Deployment Functionality Technician | LV - Cabling Technician

2011 - 2022

### Role Overview:

- Responsible for the implementation and functionality of low voltage IT systems in deployment projects.
- Worked both dayside and overnight shifts as part of the Deployment Project Team.

### Deployment and Installation Expertise

- Implemented and maintained low-voltage IT systems for deployment projects in retail and supply chain facilities.
- Installed, tested, and validated IT and A/V signal distribution systems to meet project specifications.
- Performed complex repairs on interactive displays and associated systems.

### Technical Proficiency

- Adhered to strict cabling and device installation standards set by BBTG.
- Troubleshoot, repaired, and maintained low-voltage displays and new or existing company electronic systems.
- Maintained advanced knowledge of complex vendor-provided displays and systems.

### Leadership and Training

- Assisted the Project Deployment Supervisor in training new team members.
- Indirectly led small teams during project execution.
- Supported large-scale projects, ensuring tasks were completed on time and to standard.

### Client Experience and Communication

- Delivered meaningful solutions to ensure a positive customer experience.
- Built strong relationships with clients by addressing their specific needs and challenges.

### Process Improvement and Reporting

- Provided detailed reporting to stakeholders on project progress and outcomes.
- Delivered routine feedback to improve deployment processes and procedures.

## REFERENCES

### Scott Loop

DFT | LV-Cabling Technician

Phone: 313-778-2979

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### James Downey

Market Field Deploy Manager

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### David Johnson

Market Field Deploy Supervisor

Phone: 313-638-0794

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