Adam Fry

Network Field Engineer · Rack and Stack, Structured Cabling & Link Testing

Santa Clara, CA · SF Bay Area
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SUMMARY

18+ years in network installation and support. Settled in Santa Clara after years of daily travel across the country.

Target: Data center operations technician (colocation DCO) · AI data center deployment technician / lead · Network deployment engineer · SF Bay Area · Permanent or contract-to-hire

Available to interview now · can start November 16, 2026 · Open to nights, swing, 24/7 shifts and on-call · Lifts 50+ lb; works on ladders and lifts · Valid driver's license · US citizen

I'm still employed. Please share privately. Don't post or tag me.

SKILLS

Physical infrastructure	Rack and stack · IDF/MDF build-out · structured cabling (Cat6/Cat6A runs and terminations) · single-mode and multimode fiber runs and patching · rack grounding and bonding
Field platforms	Console support while remote engineers configure: Cisco IOS/ASA · Fortinet FortiGate, FortiSwitch, FortiAP · Juniper Junos · HPE Aruba. Volunteer deployment: Ubiquiti UniFi (Hacker Dojo)
Wireless	Ekahau surveys and spectrum analysis · Wi-Fi 7 design · basic PoE load distribution · DAS installs · signal surveys before and after with a Nextivity CEL-FI COMPASS XR
Cable certification and link testing	Fluke Networks Versiv 2 · Fluke LinkIQ · EXFO · OTDR
Operations	Change management in multiple client ticketing systems · remote-hands support · incident reporting · asset tracking · technician training · explain technical work to new technicians and company executives
Systems	Daily Arch-based Linux desktop use · home lab (Linux/Windows PC and Mac) for distributed networking experiments

EXPERIENCE

Network Field Engineer · National telecom field-services contractor · Apr 2025 – Present (rejoined) · Oct 2023 – Jun 2024
Nationwide

- Deploy 75–150 USPS sites annually, often one per day, across all 48 contiguous states and Puerto Rico; work in IDF/MDF rooms at high-security postal sites.
- Install racks, UPS units, switches, rack power, optics and SFPs; isolate physical-layer faults on site; work the console with remote engineers, who configure the gear.
- Largest sites: 300+ access points across a dozen IDFs and one MDF. Coordinate dedicated 30 A circuit installations with licensed electricians.
- Write the MOP and change ticket for every cutover; as the top outage escalation, troubleshoot on site with remote engineers and submit daily written reports that serve as incident reports. Track assets and inventory.
- Run hot migrations with legacy equipment powered in parallel and defined rollback triggers; baseline existing faults with site staff first, so old issues stay separate from cutover impact.
- Rebuild legacy IDF/MDF rooms: document port maps and labels. Use hook-and-loop cable management with strain relief; leave service loops and J-hook support. Keep 40% spare switch ports.
- Certify cabling with a Fluke Networks Versiv 2; test copper and fiber links; map RF interference with surveys.
- Asked engineers whether AP and switch firmware versions were incompatible; worked with them on the fix and reflashed compatible versions.
- C Spire contract, Mississippi: connected new fiber in the carrier headend for a multi-kilometer school network.

Volunteer Network Lead · Hacker Dojo · Santa Clara, CA 2026 – Present

- Surveyed Hacker Dojo with Ekahau.
- Wrote the network plan with priced options and an equipment list. Set the cutover sequence; documented risks and mitigations.
- Designed and deployed eight Ubiquiti UniFi Wi-Fi 7 APs with support for legacy clients. Removed the old Fortinet network.
- Sized for 100–200-person events at 2+ devices per person with room to grow. Worked with Dojo admins to separate member traffic from guest traffic and management access.

ADDITIONAL EXPERIENCE

IT Systems Engineer (Contract) · Ellis Aquatic Innovations Jun 2024 – Apr 2025

- Redesigned company IT and set up its IT department. Hired staff and provided on-call support nationwide.
- Worked on moving Google services to Microsoft's cloud and on-premises systems to the cloud.
- Installed Motorola Solutions Avigilon camera systems at resort venues. Built an Avigilon NVR workstation with an RTX 5080 GPU to run six 75-inch displays in multi-view.
- Changed rack layouts and staged equipment before installation, cutting installation time per venue by about 18%, measured in days.

Geek Squad Manager · Best Buy Feb 2023 – Oct 2023

- Managed the Geek Squad team; raised first-call resolution by 50% (store metrics) by reworking triage and coaching the technicians.
- Worked in store and on site with technicians on hardware diagnosis and repair, failed-part replacement, and server and UPS installs and swaps.

Automation Systems Installer / IT Support · Smart Home Technologies Sep 2022 – Feb 2023

- Installed and terminated Cat6, ran multimode fiber; racked network gear (Araknis, Cisco); set up Control4 and AV systems.

Owner / Operator · Field-services company May 2018 – Sep 2022

- Installed fiber and coax for Cox and Comcast across multiple states, along with Ethernet. Trained dozens of technicians.
- Pulled low-voltage wiring permits and used plenum cable where required. Worked under a licensed electrician to meet building and electrical code; kept operations OSHA compliant.
- Managed field crews of up to two dozen.
- Defined the job scope and kept work within it. Used change-of-service processes when the scope changed.

EARLIER EXPERIENCE

Technical Training Instructor · Madison Telecommunications (2015–2018): Trained 125+ field technicians across multiple states for onboarding and certification. Taught new technology on site as it was deployed.

Communication Technician · Comcast (2007–2015): Worked on the last mile and main trunk. Helped with headend infrastructure and troubleshooting.

Advanced Repair Agent · Geek Squad (2005–2007): Diagnosed computer faults and repaired them by replacing failed parts.

CERTIFICATIONS & EDUCATION

CompTIA A+ · OSHA 10 · Nextivity CEL-FI Installation and Maintenance (2025)

Coursework toward B.S., Cybersecurity and Information Assurance, Western Governors University