JOSHUA BARROS

Raynham, MA 02767
Phone: 774-504-1511
Email: Barros@BarrosJosh.Tech
Website: https://BarrosJosh.Tech
Security Clearance: Active DoD Secret

TELECOMMUNICATIONS SPECIALIST

Telecommunications and information technology specialist with experience supporting secure military communications systems within Department of Defense environments. Currently serving as an E-3 (Lance Corporal) in the United States Marine Corps Reserve, with hands-on experience operating, maintaining, and troubleshooting RF, satellite, and IP-based communications systems. Demonstrated ability to follow technical manuals, security directives, and safety standards while supporting mission-critical connectivity. Actively pursuing a Bachelor of Science in Cybersecurity.

WORK EXPERIENCE

Radio Operator (MOS 0621)

United States Marine Corps Reserve | Aug 2023 – Present

Serve as a Radio Operator supporting tactical and garrison communications operations using HF, VHF, UHF, and SATCOM systems for secure voice and data transmission. Perform routine inspections and preventative maintenance to ensure communications equipment readiness, accountability, and compliance with unit SOPs and technical manuals. Support defensive communications operations and continuity of operations (COOP) planning to maintain mission-essential connectivity in degraded or contested environments. Conduct spectrum management activities including frequency planning, monitoring, deconfliction, and reporting of interference. Configure and troubleshoot basic IP networking functions such as subnetting, Ethernet cabling, routing fundamentals, and device connectivity. Install, terminate, and test copper and Ethernet cabling and integrate radio systems with networked peripherals. Apply COMSEC and cryptographic key management procedures, including the proper handling, safeguarding, loading, and accountability of controlled cryptographic material. Enforce configuration management and security controls to protect communications systems and data integrity. Utilize Linux-based systems for diagnostics, administration, and basic scripting in support of communications and cybersecurity tasks. Adhere to electrical safety standards during equipment installation, grounding, power distribution, and maintenance, and communicate system status and operational impacts to NCOs and senior leadership while assisting with training and mentoring junior Marines

Cable Technician / Cable Escort

Super Systems Inc. (SSI) | June 2025 – Present

Support secure telecommunications infrastructure projects within DoD facilities by installing, splicing, testing, and maintaining 24-strand fiber-optic cabling using Fujikura fusion splicers and Fluke Versiv 2 OTDR equipment. Terminate, label, and troubleshoot VoIP and data cabling while tracing faults using toner kits and diagnostic tools. Install grounding racks, fiber trays, and patch panels in accordance with safety, inspection, and engineering standards. Operate under an active Secret clearance while escorting uncleared personnel and enforcing NISPOM and Insider Threat requirements. Execute work orders to restore damaged fiber, reroute drops, identify endpoints within communication closets, and maintain accurate redline documentation coordinated through team briefs and client reporting.

Security Supervisor

Allied Universal | Mar 2023 – Mar 2024

Oversaw facility access control operations using automated gate systems and surveillance software. Developed Excel-based tools to automate visitor authorization tracking and monitor security logs. Supervised personnel and managed security and clearance checkpoints in controlled environments.

TECHNICAL SKILLS

Experience includes RF and satellite communications systems, spectrum management, Ethernet and copper cabling, subnetting and routing fundamentals, VoIP systems, grounding and patch panel installation, COMSEC and cryptographic key management, NISPOM compliance, Insider Threat

awareness, and TEMPEST principles. Proficient with Windows operating systems, Linux environments (Ubuntu and Kali), basic Python scripting, OTDR testing equipment, fusion splicers, and Microsoft Word, Excel, and PowerPoint.

CERTIFICATIONS

CompTIA Security+ (SY0-701)
Java Certification
Joint Anti-Terrorism Level I (DoD)
Cyber Awareness and Insider Threat (DoD)
Cisco Certified Network Associate (CCNA) – In Progress (Target 2026).

EDUCATION

Bachelor of Science in Cybersecurity – In Progress
Bridgewater State University, Bridgewater, MA
GPA: 3.76 / 4.0
Spring 2026 – Present