Aisha Patel

Wireless Technician

San Diego, CA | (619) 555-0127 | aisha.patel@email.com | linkedin.com/in/aishapatel

SUMMARY

Wireless technician with 4 years of RF analysis, signal planning and troubleshooting on HF through EHF radio systems for Navy and Marine Corps programs in San Diego. Tests radios, SATCOM terminals and antenna systems with spectrum analyzers, and writes clear reports for engineers and program managers.

EDUCATION

Associate of Science 05/2022

Palomar College San Marcos, CA

Electronics Technology

EXPERIENCE

Wireless Technician 02/2024 - Present

Harborline Defense Systems San Diego, CA

RF field technician for a defense communications contractor; active Secret clearance.

- Perform RF analysis and signal planning for **14** ship and shore installs covering HF, UHF and EHF links.
- Diagnose transmitter, amplifier and antenna faults with spectrum analyzers, clearing 120 trouble tickets in 2025.
- Test SATCOM terminals after upgrades, holding link availability above 99.5% during sea trials.
- Document test results and as-built antenna diagrams for engineers within 48 hours of each event.

RF Technician 07/2022 - 01/2024

Pacific Signal Labs Carlsbad, CA

Bench and field technician for a radio test and repair lab.

- Tuned and aligned **300+** VHF and UHF radios on the bench to manufacturer specifications.
- Swept 40 antenna and feedline systems, finding 9 damaged connectors before field deployment.
- Built a bench test log in Excel that cut repeat failures by 25%.
- Repaired RF cables and connectors for 3 test ranges with attention to detail on every crimp and torque value.

SKILLS

RF Analysis • **Signal Planning** • **HF through EHF Radio Systems** • **Troubleshooting** **Spectrum Analyzers** • **SATCOM Terminals** • **Antenna Systems** • **Excel** • **Attention to Detail** **Communication Skills**

CERTIFICATES

FCC General Radiotelephone Operator License (GROL)

Federal Communications Commission

09/2022

CompTIA Network+

CompTIA

03/2024