Myles Agarwal

ASR-9 Network Engineer/System Tester

(317) 555-0123 myles.agarwal@email.com linkedin.com/in/mylesagarwal 1234 Elm Street, Indianapolis, IN 46201

STRENGTHS

Analytical Thinking
Displayed great skills evaluating complex systems, leading to impactful resolutions during testing phases.

Collaboration
Defined role in energetic teamwork efforts, consistently recognized for facilitating communication among engineers.

Adaptability
Proven ability to adjust strategies when engaging in diverse radar environments, significantly improving agility.

Technical Documentation
Developed and maintained critical documentation enhancing clarity and efficiency for future projects.

Problem Solving
Identified and resolved intricate system issues, empowering teams with timely, effective solutions.

SKILLS

Radar Systems Engineering

Data Analysis

Technical Documentation

Troubleshooting

Network Traffic Analysis

Software Simulation Tools

Project Management

Team Collaboration

Maintenance Procedures

Operational Readiness

SUMMARY

Dedicated ASR-9 Network Engineer with over 5 years in radar systems and network engineering, bringing a passion for innovation and performance enhancement. Expertise includes troubleshooting radar systems, executing critical upgrades, and developing detailed technical documentation. Strong collaborative skills fostered through working alongside cross-functional teams, ensuring operational efficiency and high-quality service delivery. Proficient in utilizing advanced tools for data analysis and problem resolution, committed to continuous improvement in dynamic environments. Eager to leverage experience at EVTKS, contributing to cutting-edge solutions for the Airport Surveillance Radar team.

EXPERIENCE

Network Engineer

AeroTech Innovations January 2023 - Present Fort Wayne, IN

Directly support radar systems through 2nd Level engineering, focusing on sustaining peak performance and refining existing system functionalities. Collaborates effectively with field technicians during nationwide site visits.

- Managed system upgrades to improve ASR-9 operational capabilities while minimizing downtime.
- Produced extensive technical documentation, optimizing maintenance protocols for operational teams.
- Utilized advanced radar data analysis techniques to diagnose and resolve complex operational issues.
- Trained and guided fellow engineers, fostering knowledge sharing and collaboration.
- Participated actively in lifecycle reviews to comply with operational requirements.
- Enhancement of user manuals led to improved navigational clarity for end users.

Systems Tester

SkyRadar Solutions June 2021 - December 2022 Evansville, IN

Supported radar system testing and modifications as part of quality assurance efforts. Integrated collaborative strategies with engineering teams to enhance system design and functionality.

- Executed comprehensive testing plans for radar systems ensuring adherence to federal standards.
- Facilitated collaborative design sessions for system modifications, incorporating a range of engineering perspectives.
- Applied critical analytical approaches that enhanced system performance assessments.
- Led efforts in feasibility studies, providing meaningful cost analyses impacting future project decisions.
- Built strong relationships with external vendors to streamline prototype manufacturing processes.
- Mentored junior team members by sharing best practices in both testing and documentation efforts.

Junior Network Engineer

TechWave Dynamics March 2019 - May 2021 South Bend, IN

Supported our engineering team in various measures to maintain optimal performance of radar systems. Involved in critical projects that focused on installation and documentation for new systems.

- Conducted thorough preliminary data analyses, pinpointing key issues affecting system reliability.
- Assisted in preparing installation and test procedures, informing successful system launches.
- Engaged in technical reviews, providing valuable input on operational improvements across teams.
- Created user manuals which decreased response time to queries from operators.

Problem Resolution

Calibration Techniques

Feasibility Studies | Cost Analysis

Upgrade Implementation

LANGUAGES

English — Native

Spanish — Intermediate

MY CAREER

- Network Engineer at AeroTech Innovations (3.5 Years)
- Systems Tester at SkyRadar Solutions (1.5 Years)
- Junior Network Engineer at TechWave Dynamics (2.2 Years)

- Collaborated closely with interdisciplinary teams to ensure readiness for field deployments.
- Participated in hands-on troubleshooting sessions to resolve operations quickly.

LEADERSHIP & AWARDS

- Certified Radar Systems Engineer - 2022
- Fundamentals of Radar Technology - 2021

EDUCATION

Bachelor's Degree in Engineering

University of Indiana | GPA: 3.6 | 2019 | Indianapolis, IN

Coursework: *Computer Science,Systems Engineering,Project Management,Mathematics*

CERTIFICATIONS

- Certified Radar Systems Engineer 2022
- Fundamentals of Radar Technology 2021

TECHNICAL SKILLS

- **Radar System Tools:** AutoCAD, Wireshark, TeraTerm
- **Testing Software:** RRAP, GPS-PV, WRTADS
- **Analysis Tools:** MATLAB,Simulink,Python
- **Documentation Platforms:** Confluence,SharePoint,MS Word
- **Simulation Technologies:** MATLAB,Simulink,ModelSim
- **Data Management Systems:** ORACLE,MySQL,PostgreSQL
- **Networking Protocols:** TCP/IP,UDP,DHCP
- **Compliance Standards:** DO-160,RTCA/DO-178C,FCC
- **Configuration Management:** Git,SVN,Perforce
- **Cloud Services:** AWS,Azure,Google Cloud

PROFESSIONAL AFFILIATIONS

- Member of IEEE Radar Council
- Active contributor to local engineering workshops

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST