

Alex Gill

WiFi Network Engineer

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SUMMARY

Detail-oriented WiFi Network Engineer with hands-on experience in wireless network design and installation. Proficient in IEEE 802.11 standards and skilled in troubleshooting and optimizing wireless LAN systems. Adept at establishing strong relationships with clients while effectively managing project timelines. A commitment to delivering impactful results has been a cornerstone of every project undertaken. Seeking to leverage technical and organizational skills in a challenging environment, contributing directly to business objectives through innovative solutions and collaborative efforts.

EXPERIENCE

WiFi Network Engineer

NetConnect Systems 📅 January 2025 - Present 📍 San Diego, CA

In this role, managed comprehensive wireless LAN projects across various client sites while ensuring compliance with IEEE 802.11 standards. Skillfully conducted audits and performance evaluations, achieving significant enhancements in operational efficiency.

- Conducted wireless LAN surveys, installations, and system activations for diverse clients, adhering to IEEE 802.11 standards.
- Utilized RF prediction tools for evaluating and optimizing network performance, enhancing user experience.
- Collaborated with cross-functional teams in designing and implementing the best network solutions fitting client needs.
- Developed thorough documentation detailing network configurations and site survey outcomes for reference.
- Trained junior technicians on troubleshooting techniques and industry best practices for network installation.
- Maintained enduring client relationships that led to a notable increase in repeat business over the past year.

Network Technician

Wireless Innovations 📅 June 2023 - December 2024 📍 Irvine, CA

Supported network deployment and configuration efforts for corporate clients, significantly boosting network reliability. Engaged deeply with data collection tools during system assessments, collaborating closely with engineering teams for optimal results.

- Assisted in deploying and configuring wireless networks for multiple corporate clients, driving overall network reliability.
- Supported evaluation initiatives of wireless LAN systems using data collection tools, aiding network optimization efforts.
- Performed extensive on-site evaluations and surveys, ensuring thorough assessments of potential network challenges.
- Teamed up with senior engineers to troubleshoot complex network issues, improving resolution times notably.
- Documented installations and comprehensive reports, fostering transparency and trust among clients.
- Participated actively in team meetings to discuss project timelines and resource allocation, increasing overall team efficiency.

LEADERSHIP & AWARDS

- Dean's List, University of Southern California, 2024
- Outstanding Service Award, TechWave Solutions, 2025

EDUCATION

Bachelor's Degree in Network Engineering

University of Southern California 🎓 GPA: 3.8 📅 2026 📍 Los Angeles, CA

Coursework: *Networking Fundamentals, Wireless Communications, Network Security, Protocol Design*

CERTIFICATIONS

- Certified Wireless Network Administrator (CWNA) 📅 2025
- Cisco Certified Network Associate (CCNA) 📅 2025

TECHNICAL SKILLS

- **Network Tools:** Wireshark, NetSpot, Ekahau
- **Wireless Protocols:** IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac
- **Installation Platforms:** MikroTik, TP-Link, Ubiquiti Unifi
- **Configuration Software:** Cisco IOS, ArubaOS, Juniper Networks
- **Project Management Tools:** Trello, Asana, JIRA
- **Operating Systems:** Windows, Linux, macOS
- **Cloud Services:** AWS, Google Cloud Platform, Azure

- **Development Environments:** Git, Docker, Jenkins
- **Reporting Tools:** Power BI, Tableau, Excel
- **Security Protocols:** WPA, WPA2, WPA3

SKILLS

- Wireless Networking
- IEEE 802.11 Standards
- Troubleshooting
- RF Prediction Tools
- Client Relationship Management
- Network Installation
- Data Collection Tools
- Site Surveying
- Network Optimization
- Configuration Management
- Collaboration
- Technical Documentation
- Project Management
- Problem-Solving
- Communication Skills
- Organizational Skills

PROFESSIONAL AFFILIATIONS

- Member, IEEE Student Chapter, 2022 – Present
- Volunteer, Tech for Good Organization, 2023 – Present

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST