



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

STRENGTHS

- ✂️ **Effective Troubleshooting**
Quickly identified and resolved networking issues, increasing team confidence and operational efficacy.
- 👥 **Client Engagement**
Nurtured strong client relationships, becoming a trusted advisor and boosting account retention rates.
- 🤝 **Collaboration Skills**
Synchronized efforts with diverse engineering teams, promoting data-driven decisions and project success.
- 📊 **Analytical Thinking**
Utilized logical reasoning to assess complex network designs, enabling accurate problem diagnosis.
- 📄 **Documentation Excellence**
Produced clear, thorough, and accessible documentation for all network setups, facilitating knowledge transfer.

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

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



WiFi Network Engineer at NetConnect Systems (1.5 Years)

Network Technician at Wireless Innovations (1.5 Years)

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

PROFESSIONAL AFFILIATIONS

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

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST