



ETHAN MARTINEZ

RF Field Engineer

PROFESSIONAL SUMMARY

Accomplished RF Field Engineer with 7 years of experience in designing, optimizing, and deploying advanced wireless communication systems. Proven ability to leverage analytical tools for enhancing network performance and reliability. Passionate about driving innovative solutions and collaborating with cross-functional teams to achieve project success in dynamic environments.

WORK EXPERIENCE

RF Field Engineer

WidgetWorks Inc.

May / 2020-Ongoing

Denver, CO

1. Supported Greenfield and Overlay deployments of cellular networks, ensuring optimal coverage and performance.
2. Utilized JDSU software for comprehensive RF Mobile Network Data collection and analysis.
3. Conducted system performance drive tests, including cell site verification and benchmark assessments.
4. Proficient in various wireless technologies including GSM, UMTS, and CDMA.
5. Employed advanced RF data collection tools for performance evaluation and reporting.
6. Validated testing routes and executed Super Cluster Drive Tests for network optimization.
7. Analyzed network KPIs to drive performance improvements and antenna adjustments.

RF Field Engineer

Summit Peak Industries

May / 2018-May / 2020

Denver, CO

1. Installed and maintained Sprint/Nextel cell sites, ensuring reliable power supply with UPS systems.
2. Created and installed RF signal and DC power cabling for optimized connectivity.
3. Supported upgrades to the City of Detroit's electric grid, enhancing infrastructure efficiency.
4. Operated Spectrum Analyzers for Signal Intelligence (SIGINT) at Yuma Proving Grounds.
5. Conducted drive testing & data collection using Agilent 6474 and TEMS Investigation on 3G/4G systems.

EDUCATION

Bachelor of Science in Electrical Engineering

University of Michigan

May / 2016 - May / 2018

Seattle, WA

Focused on wireless communication systems and RF engineering principles.

support@qwikresume.com

(123) 456 7899

Los Angeles

www.qwikresume.com

SKILLS

Technical Documentation

10

RF Circuit Design

9

Signal Processing

9

Antenna Design

8

EM Simulation

10

INTERESTS

Architecture

Writing

Reading

Theatre

STRENGTHS

Ambition

Ingenuity

Competitiveness

Determination

LANGUAGES



English



French



Spanish

ACHIEVEMENTS

Achieved a 20% improvement in network performance metrics through optimized site configurations.

Successfully conducted over 50 drive tests, leading to enhanced signal quality and reliability.