
LTE RF ENGINEER RESUME

Edward Sullivan
4511 Courtright Street
Knox, ND 58343
(333) 361-3769
Email : [email]

Career Goal:

Seeking the position of an LTE RF Engineer to showcase my talent and further hone my capabilities in RF Design, ACP tools, UMTS, Oracle DB, Unix, Excel and LTE optimization.

Technical Skills:

Programming language expertise:

- C, C++
- Assembly

Solid understanding of telecommunication using:

- QXDM, Google Earth
- Map Info-8
- NEMO Indoor

Familiarity with networking protocols:

- TCP/ IP, UDP
- MPLS, DNS, Frame relay
- DHCP, ATM

High proficiency with software applications:

- MS Office
- MS Project
- Net Monitor

Crystal clear with wireless standards:

- GSM, CDMA
- UMTS, CDMA-2000
- WI-MAX, LTE

Hardware configuration skills:

- 8051 Microcontroller
- 8085 and 8086 Microprocessor
- Modem

Immensely talented in utilizing various RAB services like:

- CS, PS
- HSDPA
- EUL

Strong capabilities to:

- Effectively interpret design fundamentals and identify customer requirements
- Produce high quality technical documents

Relevant Experience:

LTE RF Engineer
Zandermx Technologies
January 2012 – Present
Knox, ND

- Implemented procedures for maintenance window testing for all assigned LTE projects.
- Resolved technical issues relating to projects by troubleshooting and testing support services.
- Executed effective processes for execution, review and modifications of test plans.
- Assisted in gathering of performance statistical data through OSS and storage databases.
- Conducted analysis of network performance and reports to record observations and findings.
- Suggested processes for performance correlation analysis by investigation of RF performance issues.
- Supported technical team members in radio planning and optimization of LTE network resources.

- Provided technical assistance for regression testing to Phone, Broadband and PTA APN.

LTE RF Engineer
Sprint Corporation
November 2010 – January 2012
Reston, VA

- Developed modem solutions for Wireless products such as LTE and LTE Advanced solutions.
- Implemented procedures for modeling of wireless transmission systems and simulation of transceiver systems.
- Conducted analysis of LTE physical layers requirements for Release 10 and other versions.
- Monitored performance of mobile receiver algorithms utilizing link level simulations.
- Assisted in planning and development of embedded software and firmware for wireless baseband systems.
- Coordinated with component verification team members for development of test strategies.
- Supported technical team members in providing interface and architecture specifications for RF control module.
- Provided technical assistance for code reviews to software and firmware development teams.

Educational Background:

Bachelor's Degree in Computer Science
Sierra Nevada College
August 2006 – May 2010
Incline Village, NV

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