

Srinivasan. M

Telecommunication Engineering (B.E)

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DOB: 30th December 1991

JOB OBJECTIVE

My role as a RAN NI Engineer primarily focuses on integrating and troubleshooting LTE Networks for a major US Telecom client AT&T supporting their Next Generation Networks. I can offer my services aimed at quality, credibility and team work that can expand the business of the company. I can work effectively to complete the assigned set of tasks in a professional manner.

EDUCATION

Atria Institute of Technology, Bangalore, India

B.E Telecommunication Engineering [Sep 2009 to June 2013] Percentage: 58%

TECHNICAL SKILLS

RAN NI Integration Engineer for AT&T with proficiency on LTE Technologies

Hardware interfaces - Nokia BBU: Airscale BBU, SMM module

fALU BBU: Bcem/Bcem2s.

Antenna/TMA systems: CommScope/Andrew/Katherine/CCI/KMW

Realtime experience troubleshooting with onsite Field Engineers/Turf vendors end to end system failures such as connectivity from BBU to RRH and RF path troubleshooting from RRH to antenna suggesting effective alternatives

WORK EXPERIENCE

Nokia Solutions and Networks, Chennai

RAN NI Engineer

[Sep 2017 – Present]

Designated as RAN NI Engineer, I primarily work on LTE Technology supporting AT&T's Next Generation Networks. My responsibility includes Remote integration and Troubleshooting LTE equipment on the live telecom network with least service affecting time. Responsible for solving the issues real time and meeting the deadlines set by the customer for the project.

Project: Nokia FSM4 BBU Swap and BAU

Client: CSPIRE, United States

Migrating the existing Alcatel Lucent fALU (Former ALU) BBU equipment to Nokia

Airsacle BBU

- Daily assignments include Remote Coordination with Field Tech for BBU swap from fALU to Nokia Airscale Module troubleshooting, Troubleshoot RET issues and RF module issue coordinating with Field techs.

- Ensure base stations are operational (links are up, alarms clear, sites ready for RF teams, and live

traffic).

- BAU activities will correspond to RRH swap, Carrier add. Troubleshooting Real time issues while swapping RRHs
- RSSI troubleshoot, RET troubleshooting, troubleshooting with reference to call drop.
- Send KPI reports once the migration is completed and coordinate with Customer Team.
- Attend Daily calls to sync with Region team regarding the Migration/BAU process.
- Take KT sessions to team and ensure the process is followed and activities are completed within the agreed SLA.

Project: Doha Metro - ECC LTE eNodeB implementation

Client: Ministry of Interior, Qatar

Integration and Commissioning of 3 LTE enodeB on site physically.

- Troubleshoot any potential issue with modules.
- Remotely integrated the site on NetAct wizard
- Monitored the site for any alarms.
- Ensure base stations are operational (links are up, alarms clear, sites ready for RF teams, and live traffic).
- Performed all Test cases as required from customer

Project: Nokia FSM4 BBU Swap for AT&T

Client: AT&T, United States

Migrating the existing Alcatel Lucent fALU (Former ALU) BBU equipment to Nokia Airscale BBU

Working on 4G/LTE Network I am responsible for providing technical operations support for the maintenance and operations of AT&T 4G LTE RAN network.

- Daily assignments include Remote Coordination with Field Tech for BBU swap from fALU to Nokia Airscale Module troubleshooting, Troubleshoot RET issues and RF module issue coordinating with Field techs.
- Integration of 4G-LTE Nokia (AirScale) BTS & SMM using URSA & NetAct tool.
- Supporting to swap from Alcatel lucent (fALU) BTS to 4G-LTE Nokia (AirScale) BTS.
- SMM integration by using Integration Wizard & troubleshooting by login SMM remotely.

- Doing health check & Pre-check of sites by URSA Alcatel lucent SAM tool before swap to AirScale BTS on daily basis.
- Performing troubleshooting supporting field engineer during swap.
- Currently working on Nokia NetAct Platform for monitoring the LTE BBU swap, call tests, troubleshooting and post call KPI monitoring for site launch operations
- Ensure base stations are operational (links are up, alarms clear, sites ready for RF teams, and live traffic)

Tools:

- URSA
- Net Act-Nokia
- Wireshark

**QuadGen Wireless Engineering Services Inc., Bangalore
Network Engineer**

[April 2015 – Sep 2017]

Designated as Network Engineer, I primarily work on LTE Technology supporting AT&T's Next Generation Networks. My responsibility includes Remote integration and Troubleshooting LTE/UMTS equipment on the live telecom network with least service affecting time.

**Project: ALU RAN Integration Engineer for AT&T
Client: AT&T, United States**

ALU NSBs (New Site Builds), 1st and 2nd Carrier UMTS and LTE integration for AT&T

- Working on 4G/LTE Network I am responsible for providing technical operations support for the maintenance and operations of AT&T 4G LTE RAN network.
 - Daily activities include integration/troubleshooting 1C/2C/3C/4C/5C, Volte/Sap/e911 Call test support, RET/TMA validation, site launch and KPI monitoring.
1. Hardware interfaces - Nokia BBUs: 9926, Modem: Bcem/Bcem2s, Alarm Modules: Raycap/Squid, Antenna/TMA systems: CommScope/Andrew/Katherine/CCI/KMW
 - Worked on ALU 5620SAM, and LTE 1C, 2C integration, site management, call tests, troubleshooting and post call KPI monitoring for site launch operations
 - Performed network audits, ran scripts to resolve the connectivity issues faced and effectively documented techniques to overcome shortcomings
 - Expertise in providing the technical support to field technicians during the integration/troubleshooting of a cell site.
 - Served as a role in bridging the gap between the Customer and the Project manager & led the team to meet the desired goals within timeline

Project: Operational support systems

Client: AT&T, United States

- Remote Infrastructure management of AT&T 3G and 4G Networks
- Implementing configuration changes requested by the client using Service Aware Manager (SAM) & Wireless Provision System (WPS)
- Monitoring Key Performance Indicators (KPI) and troubleshooting Alarms on eNodeB
- Timely service delivery to the support client's critical project timeline

STS Info technologies, Bangalore

IT Analyst

[April 2014 – Nov 2014]

Client: CISCO

- Managing, troubleshooting Network Connectivity issues for remote customers in Windows and Macintosh.
- Virtual Private Networks (VPN) in Initiating the Soft token account & Rekeying the Soft Token Keys, refreshing passwords for connecting to Cisco's internal VPN application, unlocking and reopening the blocked VPN Accounts. Troubleshooting all range of error codes associated to the VPN network.
- Installation/Configuration and troubleshooting Office, Microsoft Outlook and enabling remote desktop

COURSEWORK PROJECTS

Non-linear dynamic analysis of wrist pulse signals. Tool used is MATLAB. The data was obtained from the wrist pulse during various time periods and subsequently the signals were analyzed. The data was analyzed using MATLAB to predict the randomness of the pulse.

Date:

Place: CHENNAI