

Abhishek Verma

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PROFILE SUMMARY

- ❖ A seasoned professional with More than 7.5+ years of experience in Digital Telecommunication.
- ❖ 4+ Year of experience in packet core nodes while working on Vodafone/VIL Project UPE Circle.
- ❖ Currently working for **BELL MOBILTY Canada** and **USCC** from last 9-month, here I'm supporting for **LTE & NR** core network.
- ❖ Sound knowledge of packet core nodes (**MME, SGW, PGW, PCRF, HSS, SGSN, GGSN**)
- ❖ Presently working with since MAR'21 **UST as Network Operation Associate!!** At **Chennai**.
- ❖ Sound Knowledge in **EPC** Part in Mobile communication.
- ❖ Sound Knowledge on **GSM, UMTS, LTE and NR** Network.
- ❖ Basic knowledge in **Open Stack, ROHSP**.
- ❖ Familiar with **Ericsson MME** Commands.
- ❖ Basic Knowledge of **Linux & Python**.

OVERSEAS EXPOSURES

- Working Currently at **Packet Core Technology**.
- Knowledge of Legacy network.
- Good Understanding of **Latest network architecture & interfaces in telecommunications**.
- Basic Knowledge of RF, SCFT, KPI, PING, Attach Detach, Swap, Physical Optimization.
- Basic Knowledge of Internet Protocol.
- Knowledge for OSI Layers and TCP/IP Models.
- Understanding Passive Equipment used in telecom (Towers, BB, SMPS ETC).

TOOLS & UTILITIES

PUTTY, Wireshark, K12/K15/Spirent, Red Hat Open Stack Platform, QXDM, TeMIP, NetAct, RAS Client, OMS, Citrix, NIAM, WebEM, Secured CRT, OMT, RBS Element, Site Forge/NDPd.

PROFESSIONAL EXPERIENCE

UST, Chennai

(Mar'21-Present)

(Bell Canada & US Cellular –Packet Core - Network Operation Associate!!)

- L2 Support for LTE and NR Core Network.
- Troubleshooting & Health Checkup for **EPC Nodes**.
- Troubleshooting and Trace analysis of interfaces.
- Coordinating with Project team if onsite support required on faults.
- Fault management/configuration of Core network (**LTE & NR**).
- Preparing Weekly and monthly report for the progression of the team.
- LTE BTS Verification and Integration to NetAct.
- 5G BTS Verification and Integration to NetAct.
- Alarm report generation and share to internal group.
- Site monitoring and report sharing.
- **4G & 5G Call test report verification.**
- **Mobility test, HO verification.**
- Removing _WIP in site naming references.
- Post cutover health check.
- Generating Site Reports.

(Vodafone - GSM, UMTS & LTE Project)

Key Role: Project Engineer.

There I was responsible

- L2 Support for LTE Core Network.
- Monitoring following interfaces: **Gn, Gi, Gx, Gy, Ga, S1u, S1-mme, S11, S5/S8, S3, S4.**
- Fault management of EPC Core networks-**MME, SGW, PGW, SGSN, GGSN, PCRF** etc.
- GSM/UMTS/LTE network setup, routing, and all type of signaling and call flow concept.
- Fault management/configuration of **PS** Core network.
- Knowledge of Legacy network
- Understanding the **CSFB, SRVCC** Functions.
- Supporting RF team for throughput and HO related issue during **call test and mobility test.**
- Backend support for Commissioning and Integration. (AirScale-TDD/FDD/mMIMO, SRAN/SBTS, Small Cell, FDD/TDD, CABEX).
- Coordination with RF team and Transmission team for XCF/Script readiness for all planned technologies.
- Logical AT request to GDC team.
- Coordination with GDC Team for 2G site creation and support to field engineer.
- Mail share to infra team for external alarm definition and testing with field team.
- Sharing EMF Report to RF team.
- ULTRA/FLEXI/MR BTS Swapping with SRAN as per costumer plan.
- Remotely support to field engineer for SW upgradation.
- Support to RF team for throughput related issue.

Samsung India (LQT), Bareilly, UPW

(FEB'17-SEP'17)

Engineer (Reliance Jio-Deployment)

Role:

- Integration, LSMR Support to team for Alarm Rectification.
- Leading In-house Team, Chasing & supporting to Site Engineer.
- LTE network optimization.
- Coordinating Venders.
- ATP11A, ATP11B, MW, RFE1 Survey, Swapping
- Uploading DATA in Site Forge (ATP11A).
- Preparing DPR.

Ericsson India Pvt Ltd (ATS)-UPW

(Dec'15 - FEB'17)

FM Engineer (Bharti Airtel & Vodafone GSM, UMTS & LTE

Project -Deployment)

Role:

- Commissioning and Integration of DUG, DUW, BBU, DUS&TCU.
- Software upgrade in different transmission equipment
- Site Handler for Vodafone Network Rollouts and Logistics for Vodafone/Airtel2G,3G &4G.
- Support RF Team for network related issues.
- Media Testing, I/C of Transmission Card.
- Chasing with Customer Project Managers for approval.
- Chasing and supporting site engineers for work to be get it done at site end.
- Capable of analyzing and handling of problems/faults in the network.
- Coordinate with O&M teams to solve the problems related to sites & alarms.
- Day to day closure of BTS and Microwave Alarms faced in the Cluster.
- Installation, Commissioning, Integration & Maintenance of Ceragon M/W.
- Up gradation of Microwave and BTS Capacity.
- VSWR measurement using Site master.
- Installation, Commissioning, Integration & Maintenance of NEC I Paso link M/W
- Knowledge of all type of NEC Equipment 100/200/400/400a/1000

Site Engineer (Bharti Airtel & Vodafone GSM & UMTS

Project -Deployment)

Role:

- Installation/Commissioning.
- Site Integration.
- Site Supervision
- VSWR measurement.
- RF, RFI & EMF Survey Report Preparation.
- Rectification, Technical Training to Fresher.
- Report analyzing, Updating Tracker of all site.

PROFESSIONAL TRAININGS

Attended various trainings such as:

- Attended Training Program CBTHR/Induction/medical training at Lucknow.
- Successfully passed the PTID examination performed by Nokia solution & Network.
- Attended Training program of Farm training regarding safety and rescue in Aug'17
- Training on GSM Architecture and network fundamental.
- Training program on "SRAN program at Nokia solution and networks
- Training program on "AirScale program at Nokia solution and networks

AWARDS

- **Appreciation Certificate in the year of 2018 from Vodafone Circle Head Office for Vodafone 4G Project.**
- **Chance to work with Vodafone CTO and DGM**
- **Become a team member of Vodafone DGM**

COMPUTERS

- Functional knowledge of MS Project
- Computer skills (Excel, Word, PowerPoint, Project, and Outlook)

EDUCATIONAL QUALIFICATION

- ✓ B. Tech in "Electronics & Communication Engineering" from KIT, Kanpur in 2014
- ✓ Intermediate from St. Columbus Inter College in 2009
- ✓ High School from SBS School in 2006

INDUSTRIAL TRAINING

- ✓ Signaling & Communication training from Zonal headquarter N.E. Railway Kanpur

FINAL YEAR PROJECT

- ✓ A running project of "Accident Identification Via RF Technology" is submitted in KIT Kanpur.

PRESENTATION

- ✓ Seminar on the topic "Upcoming Technology" in KIT Kanpur.
- ✓ Seminar on the topic "Blind audio guidance system" KIT Kanpur

PERSONAL INFORMATION

- Date of Birth: 7th Apr 1989
- Language Known: Hindi, English.
- Place: Lucknow