

B.E. (Electronics & Telecom) & Diploma in Industrial Electronics with > 19+ years of extensive experience in LTE, 3G, GSM, Wireline AN, FTTH & CDMA O&M and Network Swap, Equipment production, assembly, testing, I&C of Telco Core Networks & Data Centers (Rack, Stack, OS, Networking gear), switching equipment, 24 x 7 O&M, OSP gear.

Telecom Product Certifications / Trainings

- PMP
- LTE Fundamental & Overview Training
- Dale Carnegie Certified Trainer (Train the Trainer workshop)
- Huawei core O&M L2 Certification
- Lucent 5ESS, ECP - O&M and advance
- Ericsson AXE810 O&M
- ZTE ZXE810 O&M
- Huawei GSM MSC O&M
- Lucent VMS / IVR
- FTTH Broadband DSLAM
- IOT from HioTron

Achievements & Awards

- Acknowledged with **Individual Excellence Award & Best Performance Award** in recognition of project execution & maintenance (Tata Telecom Limited)

Professional Skills

Business / Management Skills

- Technical Support / O&M
- Running Live Operations Support for Large T1 Telco carrier
- Core / RAN / FTTH Planning, Optimization.
- NW Installation, Commissioning & Operation
- Network & Infra Planning, Design, O&M
- Project Roll-Out & Management
- Equipment Assembly, Testing & Integration

- Budgeting, CAPEX, OPEX, Site Management
- Resource Planning & Administration
- Data Center Management
- IP Planning
- Firewall / Switches Setup
- 24*7 NOC Operations, Performance Management
- Technical Training
- Cloud deployment (on-prem / public)
- Application on boarding / configs / integration

IT Technical Skills:

- HP-UX / Linux
- IT Networking (Cisco / Nortel / Avaya Equipment)
- IP I&C for Node level / VLANs / Multi-Subnets / Connectivity Diagrams / HA (N+1 / 2N)
- Security hardening (MA / VA)
- Red Hat OpenStack Platform (RHOSP) Deployment

Telecom Product / Technical Skills

- VAS - SMSC / VMS, etc.
- GSM / CDMA, SS7 and E1 / T1 Interfaces
- VoIP equipment from Cisco / Audio-Codes
- Signaling protocols such as SS7, CAMEL, VoIP Protocols
- OSS, NW Inventory Mgmt.
- Samsung-eNodeB, Huawei/ZTE-NodeB/BTS, GSM CDMA/MSS/MGW/BSC/RNC/FTTH
Broadband / Routers / Firewall / Switches
- Switching/RAN Products: LTE/3G/GSM/CDMA - MSS/MGW/BSC/RNC/eNodeB
(Samsung Huawei, Ericsson, ZTE)
- FTTH DSLAM Broadband Switches (ADSL/VDSL) – Tejas/ECI/Huawei.
- Wireline Switches & AN – Lucent-5ESS, ZTE, Huawei, Anymedia, ONU (For POTS,
PRI & SIP customers)
- VAS - Lucent AT&T - IVR system, VMS servers.
- EPABX - OKI Systems, Lucent Definity
- Infra: Core location - SMPS, BB, DG, UPS, PAC and CCTV NVR

- Data Core: DNS, PCRF, MME, CGF, CDN, CGNAT
- Voice Core: IMS, SBC, HSS, DRA, MRF
- SGSN / MME / GGSN
- LTE / eNODEB / NodeB / RNC

Professional Accomplishments

- 250 Samsung LTE eNodeB I&C
- NW Swap projects – GSM/3G/Wireline – From TDM to Soft MSCs/RNCs/NodeB.
- Infra Capacity expansion across all six MSC locations.
- 3G Rollout & NW expansion as per project timeline & budget.
- Formulated ICR capacity & executed CS, PS, central elements connectivity part (Signaling / Voice / Data) with Airtel network in record time for VLR migration.
- Many more

Work Experience

Jun '18 – Till Date

Ops & Implementation

Responsibilities:

- I&C, Ops, Delivery, Program Management
- Software / Hardware / Solutions / Integrations
- O&M & MS
- Program Management
- Capex / Opex Management
- Planning & Execution

Aug '08 – Jun '18

Tata Teleservices (M) Limited
Tech Head

Company Profile:

TTSL, belonging to the prestigious Tata group of companies, has been India's leading enabler of connectivity and communication solutions for businesses across 2G / 3G / Wireline, cloud, security, IoT and marketing solutions.

TTSL offers the largest portfolio of ICT services for businesses in India. Also, with fibre

optic network running across 125,000 km., operations in over 60 cities, 1400+ partners and the largest team with 1200+ professionals, TTSL is well geared up to cater to the small, medium & large business community in India.

Responsibilities:

- Maintaining network performance & quality with cost efficiency
- Implementing tools & processes to optimize engineering throughput and quality
- Establishing a strong project framework
- Enforcing adherence to safety standards through weekly audits.
- Analyzing technical customer complaint & CPS/SLA improvement
- Leading planning & execution of eNodeB I&C, Wireline, GSM, CDMA MSC
- Swap TDM to soft MSCs/NGNs, FTTH broadband L2 switches swap from Tejas to ECI
- Steering O&M of Ericsson (AXE810), ZTE NGN (ZXE10), Huawei NGN & Lucent (DCS-5ESS)
- Wireline Switches/Access NW, Wireless MSCs, Broadband DSLAM elements & core Infra
- Protocols mgmt. such as SS7, SIP, H.248, SIGTRAN, MQTT, MPLS, BICC, etc.
- Managing 3G MSC, MGW, DSLAM core & RAN node/location optimization
- Worked as Dale Carnegie Certified Trainer and conducted training based on: -
 - Delivery on Switch O&M, Signaling Protocols, FTTH Broadband
 - Basics of Telecom Technologies

Apr '02 – Aug '08

Reliance Communications Ltd. (Rcom)
Switch Head – Pune

Responsibilities:

- Handled independent assignment of designing & execution of telecom wireline, 2G, 3G & broadband network architecture
- Signaling, traffic, interfaces & infra / DC Management
- Planning & Project Implementation of MSC / Switching / RAN equipment
- Cross functional & regulatory communication to execute projects successfully
- Quality & performance monitoring / improvement of telecom equipment & KPIs
- Technology Evaluation, technology agreements

Aug '00 – Apr '02

Hughes Telecom (TTSL)
Sr. Engg. – Network Ops

Responsibilities:

- Actively involved in leading the team for installation, commissioning, validation and testing of Wireline LUCENT's 5ESS switch
- Anymedia and ONU (Optical Network Unit)
- WLL (Wireless in Local Loop) Network

Sep '98 – Aug '00

Tata Telecom Limited
Engineer – Products (EPBX / IVR)

Responsibilities:

- Installation and Commissioning of Digital ISDN EPABX through Remote SDH Fiber Network for, Head Quarter Southern Command – Pune
- Connected multiple defence locations with fiber & equipment. [The First Duplicated Fiber Link project for APAC Region].
- I&C of Digital EPABX as an end equipment for Maharashtra Earthquake Disaster Project across districts

Oct '94 – Sep '08

Natelco
Engineer – RF Transmission

Company Profile:

Natelco, a leading communication equipment providers and I&C having offices across the country with business engagement across Telco Carriers in India.

Responsibilities:

- Installation, testing and commissioning of RF Products for Bihar Telecom Circle and A.P. Telecom Circle.
- Survey & planning for central/remote radio units in coordination with DoT officials.