

## **Prafulla Kuvar**

B.E. (Electronics & Telecom) & Diploma in Industrial Electronics with > 14+ 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.

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### ***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**

- Man-Management
- Technical Support
- 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
- Eqpt 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 Trainer

### **IT Technical Skills:**

- HP-UX, SUN Solaris, Digital Unix, Informix, Oracle, SQL
- IT Networking (Cisco / Nortel / Avaya Equipment)

### **Telecom Product / Technical Skills**

- Converged Billing, IN Pre-Paid, Post-Paid
- VAS - SMSC / VMS, etc.
- Mobile Advertising, Campaign Management
- GSM / CDMA, SS7 and E1 / T1 Interfaces
- VoIP equipment from Cisco / Audio-Codes / Sun Microsystems
- Signaling protocols such as SS7, CAMEL, IS826, 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/VDL) – 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
- MARR Analog Shared Radio System
- Infra: Core location - SMPS, BB, DG, UPS, PAC, PAS and CCTV NVR

## ***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 (Signalling/Voice/Data) with Airtel network in record time for VLR migration.
- Many more

## Work Experience

Aug '08 – Jun '18

*Tata Teleservices (M) Limited*  
*Tech Head*

### Company Profile:

15+ years of experience with global service providers sets Comverse Network Systems apart (Nasdaq: CMVT). Its > 380 customers across 100 countries supported by > 5000 employee worldwide automatically tells of Comverse's experience in providing Telecom Billing / VAS solutions such as Convergent BSS solutions, SMSC, etc.

### Responsibilities:

- Developing & implementing AoP (Annual Operating Plan); developing & implementing policies, procedures and systems
- 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:

- Managed 490-GSM, 170-CDMA, 223-3G, 93-HSIA & 50-wireline sites of Aurangabad cluster comprising of 6 districts (Aurangabad, Ahmednagar, Jalna, Beed, Parbhani & Hingoli).
- Operation, Maintenance & Implementation of Aurangabad cluster.
- Transmission, RAN, NW Implementation, Switch, RF & DC Infrastructure.
- Led a team of 40+ members.
- Fiber maintenance (~ 600 Km) spread across 6 districts
- DC / OSP infrastructure maintenance of TTML owned BTS & wireline sites.
- KPIs management.
- Network Availability of Aurangabad cluster was best in ROM.
- Aurangabad cluster was leading in all key performance indicators during my tenure.

Aug '00 – Apr '02

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

### Responsibilities:

- O&M of Huawei MSOFTX3000, ZTE CDMA ZXC10 & Ericsson AXE-810 switches.
- Configuration, fault & alarm of all 3 switches.
- Traffic management, network planning and functioning/ maintenance of communications links of all 3 switches.
- Hardware, software maintenance of all 3 switches.
- Implémentation of IUC setup
- Customer complaints of entire Nagpur cluster
- Achieved 100% routing database audit compliance for continuously 9 quarters.
- Cleared all external audits with no NCs.
- Liaising with TERM as TERM cell for ROM is in Nagpur.
- DOT TERM 2G MRO testing completed for all 18 towns of ROM.
- Developed software for CDR processing, macros for traffic report generation.

Sep '98 – Aug '00

*Tata Telecom Limited*  
*Engineer – Products (EPBX / IVR)*

### Responsibilities:

- Work involved O&M of Ericsson AXE-810 switch & Lucent 5ESS switches
- Config, fault & alarm management.
- Traffic management, network planning / O&M of communications links.
- Maintenance & parameters measurements of NMS for local & remote terminal sites.

## Resume

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- Liaison with DOT & regulatory authorities for requisite approvals & clearances.
- Monitoring & optimizing resource utilization & safety of human and equipment.
- Implementing measures to maintain and meet ISO standards.
- Ensuring compliance with environmental & safety regulations.
- Review Ops practices, identify the areas of obstruction / quality failures and advise on system and process changes for qualitative improvement & conservation.
- Implementation of IUC (Interconnect Usage Charges).
- Development of software for CDR processing and Traffic Reports.
- Carry out IN system upgrades / updates of HW and SW

Oct '94 – Sep '08

**Natelco**  
*Engineer – RF Transmission*

### **Company Profile:**

**Bharat Sanchar Nigam Limited (BSNL)**, is the national carrier having the max reach across the country with T-1 services such as Wireline, 2G, 3G, BB, Telco VAS Services.

### **Responsibilities:**

- Worked at L-1 TAX (Ericsson AXE-10) at Thane, Mumbai.
- Installed and commissioned AXE-10 TAX at Thane.
- Had extensive exposure on LIM and SSTP equipment.
- Developed many tools for CDR processing as IOBAS was not in place then.