

CURRICULUM VITAE

GAUTAM SIL

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OBJECTIVE

Seeking myself as a result-oriented dynamic professional in the field of Electronics & Telecommunication academia

EDUCATIONAL QUALIFICATION & ACHIEVEMENTS

Bachelor of Science (Honours in Physics) – 12th in Calcutta University (67.6%)
B.Tech (RadioPhysics & Electronics) -- 3rd position (79.7%)
M.Tech. (RadioPhysics & Electronics) -- 3rd position (83.0%)
Valid score in GATE'90
Selected in Electronics Fellowship Course by DRDO in 1990
Granted 3500 ESOP's by Bharti Cellular Ltd in 2005
Awarded GLTI (Global Long term incentive) shares by Vodafone PLC

PROFESSIONAL MEMBERSHIP : Fellow Member of IETE (F-500805)
 : Associate Member of Institute of Engineers

- Presently associated as Visiting faculty for 6th sem(ECE) in RCCIIT, Belegghata
- Visiting faculty in IEM college in 1999-2000 (one & a half yrs) in Radio Wave Communication, MW & Radar engineering, Optoelectronics & Optical communication
- Member of Board of studies of **George Telegraph Institute & University of Engineering & Management**

PROFESSIONAL EXPERIENCES

1. *Presently associated with Toshniwal Enterprises Controls Pvt Ltd, as National Head – RF Practice as a Telecom specialist & Consultant*
Improving and increasing RF business, start of new collaboration, services and practices
Handling projects of various Opcos as RJIL, Vodafone, Idea, Airtel in respect of design, survey, installation, integration, SCFT, AT, EB connection, Swap, deinstallation etc
Drive test & optimisation of operators & MS services. Frequency scanning & interference analysis
EMF testing, TEC & regulatory drives, MRO drives

2. Vodafone India Limited, Corporate as General Manager- Network Operations from October 2007 till Sep'2016

Company's profile

Vodafone Group is the world's leading mobile telecommunications company, with a significant presence in Europe, the Middle East, Africa, Asia Pacific and the United States
Designation –General Manager- Design, Planning & Network Operation of the East circles
Reporting to : V.P-Network Operations

Reportees –Manager –Network quality, leading a team of 20 engineers

Responsibilities -

- **Optimisation of the Kolkata GSM network**
- **Performance management and optimisation of the RF network, BSS parameter planning & implementation**
- **Swap of the radio network from Motorola to Ericsson**
- **KPI management of the radio & core network & improvement**
- **Capacity management in regular basis & in special events**
- **Data service improvement & Enterprise planning**
- **Traffic management through special techniques**
- **Benchmarking with other operators**

Achievements

- **Swap of the entire live radio network in a competitive environment was a great challenge to me. This task was done very effectively with my past experience in previous Organisation & with great vigilance. Customers' feel was negligible because of such high efficiencies**
- **Through effective monitoring, resolving issues the network KPIs have improved to a great extent. Magical figures had been attended in terms of the call drop (from 0.9 to 0.5 %) in network busy hours**
- **Through extreme focus in Customer complaints the satisfaction levels have reached significant heights as reflected from the CSM scores. The complaints/ 1000 subs has reduced from 2 to 1.01**

3. Reliance Telecom Limited from May 2007 to October 07

Company's profile – one of the largest Telecom service provider in India in CDMA and GSM technology.

Designation held – Dy.General Manager – BSS

Reporting to – Head of Network

Reportees – Head Planning, Head OMC (R) & Head BSS Maintenance

Responsibilities –

- **Planning, Optimisation and Network quality of the Kolkata GSM network.**
Preparation of annual operating plan in line with business, BOQ preparation, capacity addition, new feature addition

- Maintenance of the BSS network. Adhering to SLA and keeping up the availability of the network. Upgrading the transmission network as per new site planning, BSC A'ter addition, site database preparation etc

4. Bharti Airtel Limited from August '95 to May 2007

Company Profile : Largest private Indian cellular operator with highest footprint in all states, leading in NLD/ILD operators as well as establishing fibre backbone

Designation held –DGM - *Design and Network Planner for the East (since Apr'05)*

Reporting to : Chief Technical Officer - East

Reportees : Circle Quality Managers

Company's ESOP granted(3500) for outstanding contribution and long association

Assignment -July '04 to Mar'05 – worked as PTO acting for Kolkata Circle looking for operation of the network and responsible for planning verification, new feature/ VAS implementation etc and acting as a single point of contact from Bharti's side

Career Highlights :

- AOP planning of the East including Kolkata, WB, Bihar & Jharkhand , Assam & North-Eastern states
- Planning vetting from the vendors including Core, BSS & VAS nodes
- KPI adherence and quality management
- Event and special planning of the network
- Capacity build-up in accordance to Bharti guidelines
- Backbone planning of the network
- Prior assignments were to look after Operations in Kolkata GSM network under Bharti's role. Responsible for planning verification, new feature/ VAS implementation etc and acting as a single point of contact from Bharti's side
- New feature implementation in the network

Achievements

- Independently established the Radio survey section in the Planning department. Took a major leap in the Network optimisation process in which the coverage optimisation was of high success.
- In November'98 our network was severely degraded by external interference. The extent was so high that could have led to a disastrous catastrophe. Through rigorous direction finding exercise it was identified and eradicated within a short span.
- Took a very active role in NMS during swap of the network from Nokia to Siemens. Independently established the NMS and fault management section and was in charge of performance monitoring and network optimisation.
- Took an independent role during the cut-over of Switch and BSS network. Major involvement in database preparation, post processing tool development and

Siemens NMS establishment . These activities were carried out without support of Nokia

Job Responsibilities :

- Design and Planning of the East – comprises of RF plan vetting, AOP preparation, switch, transmission and VAS planning
- Planning and design of the GSM network – this involved planning of new sites, clutter addition, morphographic changes in the Telstra developed EAGLE planning tool
- Drive test of the GSM service area- totally responsible for establishing the vehicle set-up its maintenance, upgradation, development through Telstra's correspondence. Design survey of new sites
- Optimisation of the GSM network - Radio coverage optimisation, quality optimisation and related GSM parameters. Analysis of the results through survey and performance analysis of OMC derived results.
- Performance analysis of the GSM network on a regular continual basis and implementing corrective action
- Interference monitoring, analysis, direction finding and eradicating foreign disturbances from the network.
- Base station maintenance and digital microwave link maintenance. Commissioning, integration and capacity upgradation of Base stations
- Procuring instruments for test specific setups. Budgeting, vendor development, cash flow analysis
Organising for customer service cells as a part of network maintenance
- Operation and maintenance of the entire network –presently took an assignment of looking after operation, maintenance and performance of the entire GSM / transmission network
- Switch planning and performance monitoring of the NSS network
- Budget preparation, CAPEX approvals, Purchase order raise etc

5. Philips Telecommunication Industries Limited (from Dec'94 to August'95)

Company Profile :

This was a Company originally inherited by Webel and Philips as a joint venture. Later in Jan'95 the company was fully owned by Philips International. This Company was pioneer in the field of hand- held walkie-talkie sets- clients being the Police and defence. Later it set up SMA assemblies to manufacture wide area PAGERS as well as radio trunking equipments.

Job Responsibilities

Production, testing of Wide area CKD pagers (POCSAG). SMA component handling, fault finding, process development.
Documentation, automation of production procedures. Training personnels.

Product engineering set-up – Independently established the section. Basic exposure was to develop product and put them into streamline production.

6. Webfil Limited, India September 1991 to December 1994

Company Profile :

Webfil Limited is under **Andrew Yule** group of Companies and manufactures Digital Microwave Radios, Primary Multiplexers , 6RU10 etc. It also provides services in the field of installation & commissioning of Microwave network for different operators across India.

Job Responsibilities:

Worked as Systems Engineer and was reporting to Plant Manager.

FACTORY EXPOSURE :

Production, testing debugging of Digital Microwave Communication cards. Documentation of production procedures & training personnel. Quality assurance and maintenance of field returned units, cards, GUNN oscillators. Production, testing, debugging of 2MB/s Drop Insert type of Multiplexing cards

TRAINING PROGRAMMES

Overseas : NOKIA trainings on BTSCOM, BSSTRS,BSSOM in Bangkok
Microwave radio training in Boston and SanFrancisco (USA) by California Microwave Inc

Inland : NOKIA training on CELLPAR (parameter training of GSM network)
NOKIA training on DXSYS (basic level switch training)
Millimeter wave technology sponsored by Department of Electronics
Unix & C under I.E.T.E.
Training on radio survey, post-processing and evaluation by Telstra, International.
MSOFFICE training by SQL
Line production training in Philips consumer electronics
Training on Financial Management, Taxation
SBS and OMC-B training imparted by Siemens at Gurgaon
Ericsson training in cell planning and Radio network tuning

References : N. K Datta – Ex Vodafone
Prof Sushanta Sen – Calcutta University

PERSONAL INFORMATION

Name in Full : GAUTAM SIL
Date of Birth : 03.10.1964
Father's name : Late Amiya Kr. Sil
Marital Status : Married Children : Two
Sex : Male
Nationality : Indian
Permanent Address : 14, Gulu Ostagar Lane
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Personal qualities: Initiatives, sincerity, fast learning curve, adaptability to situations

Place of posting preferred: Kolkata

Date: