

**Sairam Murugaiyan**

S1, Andal Radha Apartments,

140/120 Bharatha Madha Street,

East Tambaram, Mobile: +91-9940679843

Chennai -59 +91-9042079843

Email Id: [**sairammbe@gmail.com**](mailto:sairammbe@gmail.com)

**Career Objective**

To seek a challenging & rewarding career as a Project Head/Manager level in the reputed organizations in order to explore my technical & managerial skills. To add value to the organization along with self-growth & enhance handsome experience in the competitive environment of this large telecom sector to take assignments and put my abilities to best use and win laurels for my organization.

**Summary**

# Over 7+ years of experience in Telecom and Network Domain with primary skill set in SDH/SONET.

* Project Management, Project Planning & Execution from start to end, Operations Management, Network Rollout, provisioning, migrating, installation & operation of Core, **SDH, DWDM, ASON** networks
* To seek a challenging & rewarding career as a Project Head/Manager level in the reputed Telecom organizations in order to explore my technical & managerial skills
* Expertise in the **Planning/provisioning/testing** of various telecom devices of different makes like ECI, Tellabs, Alcatel, Huawei and Nortel.
* Bandwidth delivery providing error free links of **E1, E3, DS3, STM 1, and STM 4 & STM 16** to customers.
* Worked on various WAN Technologies, protocols including **RIP, EIGRP, OSPF**.
* Experienced in configuring VLANS, VTP Domains & LAN Switching and STP and have experience with TCP/IP.
* Excellent communication and interpersonal skills with ability to adapt to new and challenging environments.
* Self-motivated, quick learner with strong analytical and leadership qualities.
* Has experience in managing a team in terms of handling complex modules, assigning tasks, tracking progress, knowledge transfer to the team.

**Professional Experience**

# Currently Working as Assistant Manager – Tata Communications Ltd, Chennai from Sep-12 to till date

# Worked as a Team Lead – Bharti Airtel Service Limited, Chennai from May-07 to Sep-12.

# Worked as a System Engineer - ISGN software ltd and Network solutions from Aug’05 to Apr’07.

**Educational Qualification**

* **BE in Electronics &Communication Engineering** from Sri Lakshmi Ammal Engineering College, Anna University, Chennai. (April 2005, First Class, with **67%** )
* **Higher Secondary** from Little Flower Higher Secondary School, Kumbakonam.

(March 2001, **70%**)

* **SSLC** from Town Higher Secondary School, Kumbakonam. (April 1999, **84%**)

**Technical Experience**

**Operating Systems** : Windows XP/7

**Languages** : Basics of C, Perl scripting

**RDBMS** : MS SQL

**Telecom Technologies** : SDH, PDH, GPON, Knowledge in GSM

**Protection Mechanism** : MSP, SNCP, DNI, DRI, MS-SPRING

**SDH Equipment** : ECI, Nortel, Tellabs, Huawei, Alcatel

**ASON Tool** : Alcatel - 1356NT Tool

**Test Management Tool** : HPQC 9.2

**Work Assignments**

The details of the various assignments that I have handled are listed here, in chronological order.

**Roles and Responsibilities- Global IP/MPLS Engineering Centre.**

**Organization:** TATA Communications Ltd

**Designation:** **Asst.Manager** – IP Capacity Planning (24/09/2012 to Till Date)

* Planning, designing and responsible for the functioning of 6453 Backbone network.
* Planning, implementing and maintain the AS 6453 Global Backbone.
* Program Management and Project Management for Entire AS 6453 Network
* IP Equipment planning for entire Teleglobe Network (AS6453)
* Optimizing the network resources to reduce the CapEx and OpEx.
* Failure Mitigation – to handle both planned and unplanned outages
* Analyze how traffic can be re-routed during failures so that there is ‘0’ impact for customer traffic
* Device modeling in crammer in discussion with Vendor (Master Com or AMDOCS)
* Backbone planning and capacity augmentation – Depending on the customer forecast and traffic growth, we plan for the capacity in the network
* Provide the best class of service for the customer
* Peering link with Google/Reliance/Airtel etc
* Closing the customer feasibility according to backbone utilization/Augmentations or providing different solution to provision the customer in network
* Transmission Network SPOF and IP Layer SPOF check
* Publish fortnightly Capacity Guidance Report & MIS every month

**Roles and Responsibilities- Enterprises Services Carrier:**

**Organisation: Bharti Airtel Ltd**

**Designation: Sr. Executive** – Ops & Deployment (14/05/2007 to 17/09/2012)

* Verifying capacity and providing route details for Legacy to ASON
* Creating pipes and trails in ASON Network.
* Checking of failure scenarios & Analysis for new pipe creation in ASON
* Importing and exporting Snapshots and scenario in 1356 NT Tool
* Planning and Optimizing the LAMBDA (λ) in DWDM rings
* Error free path provided for platinum customers
* Proactive BW provided for critical link failure
* Providing guidelines for Higher BW circuits in DWDM network
* Verifying capacity and providing route details for new and shifting links
* Providing path Diversity for large number of bandwidth i.e. from E1 to STM-16 levels
* Capacity Planning based on present and future requirements.
* Pro Active identification and resolution of constraints on the network.
* Planning the network in co-ordination with planning team.
* Path Diversity in case of multiple STM/DS3/E1 requirements.

**Roles and Responsibilities- NOC- Provisioning and Testing:**

* Provisioning /Deactivation and testing of Circuits (E1, E3, DS3, STM-N & Ethernet (P2P & P2MP) and VLAN configurations between different equipment’s as per customer requirements.
* Error free provisioning with in SLA.
* Daily and monthly report will be sending to management includes the number of circuits provisioned for data validation.
* Re-routing of circuits for key customers in case of major failure in network and confirms the same with customers.
* Capacity analysis on monthly basis on Metro and core ring and sending the report to planning team.
* Work on the DWDM Network of Alcatel and Tellabs Equipment.
* Creating Optical Connectivity’s between different Multiplexer equipment
* Trouble shooting of customer complaints in E1, E3 /DS3, STM-N levels circuits.

**Roles and Responsibilities-System Engineer:**

**Organisation: Precision Tech Serve & Network Solutions** – Chennai

**Designation: System Engineer** (01/08/2005 to 10/05/2007)

Client: ISGN Software Solution- Chennai.

* Desktop Maintenance.
* Installation of Network and Desktop Printers.
* Maintenance & troubleshooting of Local Area Network
* Configuring Outlook client & troubleshooting.
* Managing user accounts, network security & printers
* Maintaining the Anti-Virus Server and Client systems
* Installation & troubleshooting of Citrix client metaframe
* Server and Desktop Maintenance.
* Maintenance of Local Area Network
* Configuring Outlook client & troubleshooting.
* Maintenance of Act database, Anti-Virus Server and Client systems

**Achievements**

* Won the Best NOC Provisioning Engineer Award in 2009.
* Obtained Best the Performer award for Year of 2011.

**Training / Certification Summary**

* Underwent Training Program on Working in ECI NMS and Equipments in Bharti Airtel Limited.
* Attended Alcatel SDH & DWDM Product, NMS and EMS training.
* Attended Alcatel ASON Training.
* Attended Huawei NMS training
* Cisco Certified Network Associate [CSCO12370900]
* Juniper Certified Network Associate [262314365]

**Database Experience**

* RTTS(Remedy Trouble Ticket System)
* HP Open view
* Metasolv
* Crammer
* TIGER(REPC)
* BPM

**Products Worked on**

* Cisco Routers – 76XX, 12XXX
* Force10 – E600, E1200i
* Juniper – MX960, MX480 and MX120
* Huawei MA5600T , HG82XX Series

**Personal Details**

**Father name** : G.Murugaiyan

**Permanent Address** : 2-29 North Street

Perumangalam, Sengalipuram post

Kodavasal (T.K), Thiruvarur D.T, Tamil Nadu-612604

**Date of Birth** : 24-09-1984

**Sex** : Male

**Nationality** : Indian

**Marital Status** : Married

**Languages known** : Tamil, English

Place: Chennai Your’s faithfully,

Date:  **Sairam.M**