

# LALIMA SRIVASTAVA

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A dynamic and resourceful **Telecom Professional** having over 8 years of rich and insightful experience, including 5 years of **International (USA and Netherlands) experience** with extensive exposure in Telecom operation & support of **Core Network**. Exploring a challenging role in a reputed organization to leverage acquired skills/experience and drive innovative thoughts for Comprehensive Growth of Organizational & Self.

## PROFILE HIGHLIGHTS

- A creative and proactive **Telecom Operation Management Professional** with successful track record of Project execution in IMS CSCF/HSS NE on ATCA (Advanced Telecommunications Computing Architecture) & HP platform, Comverse IN nodes/Real Time Billing System (RTBS), Ericsson AXE switch, Ericsson SSP/SCP, Lucent soft switch and knowledge of Call Set up/Processing in IMS/GSM/Soft Switch/IN.
- **Special Mention:**
  - Worked with **Simarn Solutions, USA & Sanjes Solutions, USA** as **IMS System Engineer** for **Nokia** from December, 2012 to Sep 2017. Provided Operation & Support of IMS Core Network in **Verizon project** for **Nokia, USA**.

## Technical Skills:

- Currently pursuing RHCE certification course
- Red Hat Certified System Administrator in RHEL7
- Integration, Migration, Patch Upgrade, Scratch installation
- IMS Core Network & its interfaces
- Configuration management on IMS core nodes (CSCF, HSS)
- VoLTE, Diameter, SIP, Sigtran, H.323, Megaco (H.248) protocols
- IN Protocols (CAMEL & INAP) & SS7 Signaling protocols (MTP/ISUP/SCCP/TCAP)
- Wireshark (Network Protocol Analyzer)
- Advanced Telecommunications Computing Architecture (ATCA -Linux based)
- HP - Linux based CSCF/ HSS/ Intelligent Network systems.
- Linux & Unix, IPSL Scripting
- Winfiol (A Network element management system for Switch-Ericsson)
- Clarity (Database management portal)
- Ericsson AXE Switch, Ericsson SSP/SCP, Lucent Soft Switch (NLD, ILD Switches)
- Comverse Real Time Billing System (RTBS - Unix & Linux based)
- LGP\_TL1 (A Network element management system for Soft Switch- Lucent)
- X-Mate (Sun Solaris) (Network operations/management support system)
- SMAS (Sun Solaris) (Service Management Application System)
- Right Now (Ticketing System in KPN operator)

- Nokia Care Handling Tool / Resolve(Ticket tracking system in Nokia)
- Net-Act {Nokia core network (next generation network) management solution}

## CAREER CHRONICLE

### **SIMARN SOLUTIONS, IRVING, USA**

Programmer Analyst (Oct 2013 to Sep 2017)

#### **Project:**

- ~ Operation & Support of IMS Core Network

#### **Accountabilities:**

- ~ Actively participated in project on IP Multimedia Subsystem for Verizon on behalf of Nokia, developing CSCF & HSS installations and upgrade procedure on HP platform on Linux based operating system.
- ~ Performed Lead role in software delivery program of maintenance pack of IMS NEs CSCF/ HSS for Verizon.
- ~ Diligently integrated & customized applications in the telecommunication core network along with conducted Pre & Post Validation of system before integrating with the production systems of customer's existing network.
- ~ Successfully executed tests for solutions/hot fixes on IMS CSCF/ HSS-FE provided by R&D, in Nokia testing environment, while developed Method of Procedure (NOP) and integrate it with production system.
- ~ Coordinated deployment of IP Multimedia Subsystem, by configuring CSCF and HSS systems as per service provider's network.
- ~ Validated the MOPs for new features/Upgrade/hot fixes in IMS CSCF/HSS and providing technical feedback as a second tester.
- ~ Worked on telecom protocols such as SIP & Diameter, Megaco etc.
- ~ Provided call testing/registrations with SIP phone in NSN testing environment and analyzed the call traces with Wireshark (Network Protocol Analyzer) tool for SIP/Diameter protocols messages.
- ~ Collaborated with NSN customer documentation team & R&D team, for enhancement/corrections of IMS CSCF architectural/functional documentations.
- ~ Create and handle tickets in Nokia Care Handling Tool/ Resolve (ticketing tool).
- ~ Technical support/coordination with Resolve/NCT/Emergency teams.
- ~ Performed scratch install/upgrade of the Nokia internal lab for IMS CSCF/HSS NE as per Verizon Production Environment and updated & tested Verizon MOP Template for latest IMS releases (CSCF/ HSS) changes.

### **SANJES SOLUTIONS INC., IRVING, USA**

Programmer Analyst (Dec 10, 2012 to Sep 30, 2013)

#### **Project:**

- ~ Operation & Support of IMS Core Network

#### **Accountabilities:**

- ~ Initiated the international engagement with this Telecom Service Provider, participating in operation & support of IP Multimedia Subsystem for Verizon on behalf of Nokia.
- ~ Developed CSCF & HSS installations and upgrade Method of Procedure on ATCA platform, that is a Linux based operating system, while configured & troubleshoot the IP network.
- ~ Provided production support for maintenance window activities like hotfix installation, configuration changes, enabling/ modification of new feature etc on IMS nodes.
- ~ Conducted tests for solutions/hot fixes of IMS CSCF/ HSS, provided by R&D, in Nokia testing environment and developed Method of Procedure (MOP) on ATCA platform to integrate same with production system.
- ~ Executed Pre & Post Validation of system before integrating MOP with the production systems of customer's existing network.
- ~ Validated MOPs for new features/Upgrade/hot fixes in IMS CSCF/HSS and provided technical feedback as a second tester.

- ~ Create and handle tickets in Resolve Tool (ticketing system) for the issue observed in the testing of Hotfix or configuration changes etc on IMS nodes in Nokia Lab.
- ~ Coordinated IP Multimedia Solutions rollout by configuring CSCF and HSS systems as per service provider's network.
- ~ Providing IP Multimedia services solutions & functional interworking of elements in the telecom domain along with integration of network elements, including 3rd party products.
- ~ Interfaced to third party customers for technical requirements/specifications to establish and validate overall network architecture as well as integrated/customization of applications in the telecom core network.
- ~ Involved in several activities including working with telecom protocols such as VOIP/SIP/Diameter, executing call testing/registrations with SIP phone in Nokia testing environment and analyzing the call traces with Wireshark (Network Protocol Analyzer) tool for SIP/Diameter protocols messages.

**Mind Tree Ltd., Bangalore, India**  
Senior Engineer (Dec 2011 to May,2012)

**Project:**

- ~ Operation & Support of IN (Intelligent Network)

**Accountabilities:**

- ~ Participated in project as Provisioning Engineer of Wire line Intelligent Network (includes Ericsson SSP & SCP), for KPN that is the leading telecommunications and ICT service provider in the Netherlands.
- ~ Coordinated with various teams, within KPN, to meet various configuration, integration & connectivity requirements as well as B-table changes & definitions, whenever required.
- ~ Provided activation, deactivation and change request for service numbers along with provisioning of customer specific various features on Ericson SSP & SCP using SMAS tool for service numbers.
- ~ Prepared work instructions for various features of service numbers and take approval from KPN for the same, while received 60 days training for Technical provisioning on Intelligent Network in Netherlands.

**Reliance Communications Ltd., Bangalore, India**  
IN Engineer (Nov 2010 to Nov,2011)

**Project:**

- ~ Operation & Support to Comverse Intelligent Network (Pre-paid)

**Accountabilities:**

- ~ Operation & Support of Comverse Intelligent Network, Ericsson AXE-10 and Lucent Soft Switch (NGN), that forms the Pre-paid network.
- ~ Provided operation & support to both FWP and RIM subscribers of the Comverse CDMA IN systems along with Preventive Maintenance, database back-up and spare management.
- ~ Reconfigured IN nodes and involved in Pre-paid call processing such as SGUs, SLUs, OSAs, MSUs, MMUs and CCS, while developed signaling C7 links & configured new Point codes.
- ~ Participated in multiple engagements as performance monitoring & Traffic Analysis of IN system, Alarm monitoring, Servers Health Check logs monitoring and Fault escalation.
- ~ Coordinated & communicated technical constraints with vendors during hardware Fault Management and handling of Customer Complaints.

**Reliance Communications Ltd., Navi Mumbai, India**  
Configuration & Provisioning Engineer (Nov 2008 to Nov,2010)

**Project:**

- ~ Configuration and Provisioning on Ericsson AXE-10 & Lucent Soft Switch (NGN)

**Accountabilities:**

**ERICSSON AXE-10**

- ~ Handling configuration and provisioning of ERICSSONS AXE-10 based ILTs (Integrated Local and Transit switch) installed at 22 different locations throughout India for Basic, NLD and ILD services centrally provisioned from NNOC.
- ~ NNOC support, Integration, Implementation and testing of BASIC, NLD and ILD POIs at various cities of India with BSNL/Private operators like Airtel, Hutch, and Tata etc which involves taking ISUP traces, various Call traces on A-number and B-number etc.
- ~ Configuration of A-Number and B-number, analysis for catering CDMA traffic, GSM traffic and Wireline traffic of SDCA for WLL/ Basic, NLD and ILD services.
- ~ Handling International Long distance call, testing and implementation for the International Gateways of Reliance.
- ~ Changing software in RP as and when required.
- ~ Acceptance test of the newly configured POIs/ Trunks in switch.
- ~ Configure PRI in the switch (ILTs).
- ~ Configure Centrex for corporate customers (ILTs).
- ~ Configuration of ISDN lines to the subscribers.
- ~ Co-ordination with Field Engineer for Troubleshooting.
- ~ Migration of E1s as and when required.
- ~ Provisioning of V5.2 interface for voice and data communication.
- ~ Creation of the SNT, DIP links.
- ~ Troubleshooting and analysis of technical faults during and after Provisioning.
- ~ A & B-number Analysis, Routing analysis, C7 Link creation in Switch, NGN.

**Lucent Soft Switch (NGN)**

- ~ Handling Configuration and Provisioning of Lucent Soft Switch based MGC & MG (Media Gateway Controller & Media Gateway) installed at 13 different locations throughout India.
- ~ NNOC support, Integration, Implementation and testing of BASIC, NLD and ILD POIs at various cities of India with BSNL/ Private operators like Airtel, Hutch, and Tata etc which involves taking ISUP traces, various Call traces on A-number and B-number etc.
- ~ Configuration of A-Number and B-number, analysis for catering CDMA traffic, GSM traffic and Wireline traffic of SDCA for WLL/Basic, NLD and ILD services.
- ~ Handling International Long distance call, testing and implementation for the International Gateways of Reliance.
- ~ Migration of E1s from one location to other as and when required in Planned Events.
- ~ Conducting Acceptance test of newly configured E1, Trunk in switch.

**QUALIFICATION**

**Education:**

- **B.Tech (Electronic & Instrumentation)**, from Anand Engineering College, Agra, UPTU (2008) with **First Division**

**Accreditations**

- Certification: Red Hat Certified System Administrator in RHEL7
- AXE 10 (Ericsson switch) Operation & Maintenance.
- IMS CSCF & HSS Architecture based on ATCA(Advanced Telecommunications Computing Architecture) & HP
- UNIX, Linux.
- Fundamentals of Data Communication.

- Converse Real-Time Billing System (RTBS) Operation and Maintenance.
- 60 days on site training of technical provisioning for service numbers of KPN.

## PERSONAL PARTICULARS

**Date of Birth:** 1/07/1987

**Languages known:** English

**Nationality:** Indian

**Passport Details:** J3577106