AVINASH SINGH THAKUR
IMS DEPLOYMENT AND TEST ENGINEER

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Professional Summary:

- Having total 5.6 years of experience in Telecom domain including 3 Years in IMS/VoLTE deployment and Testing.
- Possess a Degree in ECE with expertise in LTE and IMS Architecture, IMS Node Deployment, Virtualization, Functionality Testing using different tools like Open Stack, Wireshark, Nemo, Putty, Win SCP, Jira etc.
- Sound knowledge and working experience with protocols like SIP, SDP, Diameter, TCP, SCTP, UDP, RTP, RTCP.
- Having good Communication skills with effective time management capabilities suitable for client facing roles.

WORK EXPERIENCE:

1. Network Analyst.

Metro Global Telecom Services (PTY) Ltd.   **ZTE / MTN**
04/2022 – Till Date,   *Cape Town/South Africa.*

- Involved in Deployment and Testing phases for new IMS Nodes like MRF with sound knowledge in IMS Architecture, Protocols used, Interfaces, MRF Peer Nodes and Interfaces.
- Involved in preparation and testing of Test Cases, JSON file, performed functionality testing and testing reachability with different servers like FMS, LAB etc.
- Involved in E2E IMS call testing, CSFB, SRVCC, IMS Registration, Call Conferencing, Call Holding, Call Announcements etc.
- Responsible for the creation of cloud environment used to deploy different IMS nodes like MRF, Responsible for the virtual machines and their configuration according to the requirements.
- Worked with different IMS protocols like SIP, SDP, Diameter and hands on experience with tools like Wireshark, OpenStack, MS Excel, Word, Putty, WinSCP, File Zilla, Jira, Linux, Nemo.
- Good understanding of protocols like SIP, SDP, Diameter with knowledge about DRA (Diameter Routing Agent), Used cases and functionalities of DRA.
- Expertise in IMS Registration, IMS to IMS call, CSFB, SRVCC, LTE Attach, DRA
- Learning Kubernetes, General Idea about Kubernetes architecture and its working.

Tools Used: Wireshark, OpenStack, Putty, WinSCP, MS Excel, Jira, NEMO, VISIO.

2. System Engineer.

Jasbir Trading Co.   **Jasbir Trading Co.**
06/2020 – 02/2022,   *Bilaspur/India.*

- Responsible for planning and executing deliveries and coordinating with the field teams for newly placed orders.
- Involved in Handling Account payable and Account Receivable and providing updates to the clients regarding the same.
- Involved in creating new orders according to the customer's requirements and coordinating with the firms for the execution and updated status of the orders.
- Responsible for direct dealing and handling the customers and demonstrating the products according to their needs.

Tools Used: Tally ERP 8,9, Microsoft Excel, MS Word.

3. Network Engineer

Essence Global Services Pvt. Ltd.   **MRF / VoLTE Huawei.**
03/2018 – 01/2020,   *Gurgaon / India.*

- Involved in understanding and perquisition for the project and preparation of test cases and other related documents like JSON file etc.
- Involved in Deployment and Testing phases for new IMS Nodes, testing IMS end-to-end call flows like CSFB, SRVCC, Conferencing, IMS Registration etc.
- Involved in creation of Cloud environment including Project, Flavor, Image Upload and network, configuring VM's in OpenStack and testing reachability with different servers like FMS, LAB, Security and Data centers.
- Prepared, updated and maintained activity reports and summary reports with ticket managements on Jira.
- Worked with IMS protocols like SIP, DIAMETER, SDP.

Tools Used: Wireshark, OpenStack, Putty, WinSCP, MS Excel, VISIO, Jira.

4. SAP BW/HANA Dep.

ERP Scholars.   **SAP BW, BW4/HANA.**
09/2017 - 02/2018,   *Gurgaon/India.*

- BW Modeling - InfoCubes, DSO's, InfoObjects, Transformations, DTP's, MultiProviders, Infosets, Attributes etc.
- SAP BW4/HANA Modelling- InfoObject, Advance DSO, Composite Provider, Open ODS View, SAP HDI Calculation View, Mix Modeling scenario, HANA 2.0.
- Extraction - Generic extraction, LO Extraction, FI Extraction etc.
- BW Reporting- BEx Query Designer, TABLEAU, MS Excel.

5. Circle Coordinator.

Evolve Technologies & Services Pvt. Ltd.   **Aircel India / Rajasthan, Jaipur**
01/2017 - 08/2017,   *Jaipur / India.*

- Responsible for customers network complaints resolutions and performing basic troubleshooting.
- Conducting Network drive test for the critical complaint and coordinating with the client.
- Performed Drive test on 2G network using TEMS for better network coverage.
- Planning all drive test visits on customer complaints and analyzing the logs.
- Performed audits on newly installed sites as per customer demand.
- Creating and submitting reports for RF and EMF and coordinating with customer for WCC.

Tools Used: TEMS Investigation, Map Info, MS Excel. Google Earth*.*

ACADEMICS:

Class/Course	University/Board	Passing Year	Percentage
B-Tech.	HPU Shimla	2014	70%
12th	H.P.B.O.S.E. Dharamshala	2009	60%
10th	H.P.B.O.S.E. Dharamshala	2006	56%

DECLARATION:

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

Place: Cape Town
Date: 3rd Jan, 2022.   Avinash Singh Thakur