**CURRICULUM VITAE**

Abhinav Srivastava

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**CAREER OBJECTIVE:**

To obtain a challenging position in a leading organization offering excellent opportunities for learning and career advancement and which would utilize my technical skills, thereby allowing me to serve the organization to the best of my abilities, and to constantly upgrade my knowledge and make a difference in whatever I do.

**RESUME SUMMARY:**

* An Engineering Graduate with a total **5.8 years of** experience in Packet Core (IMS and SDM) Nodes testing.
* Knowledge on SIP Protocol (RFC 3261), SDP, RTP. Knowledge on call flow (RFC5359) (Call hold, Call Forward, User busy, call conference etc.)
* Good exposure in IMS architecture with all the nodes (P-CSCF, I-CSCF, S-CSCF, AS, HSS) and having knowledge on call flow including IMS Registration. Knowledge on VOLTE call flows.
* Familiar with WAN, LAN etc.
* Experience on TCP/UDP, DNS, DHCP.
* Quick learner and strong desire to master new Technologies in the area of Protocol.
* A tendency to work sincerely with team spirit and meeting the Deadlines.
* Strong mathematical, analytical background with innovative thoughts.

**Infinite Computer Solutions Ltd (Oct 2021 to Present)**

**Designation – System Engineer**

**Role & Responsibility: - (3UK MAYA – NOKIA CNS GS Testing)**

* Performs IMS/SDM node deployment and Volte call and log analysis.
* Perform call testing for different IMS nodes like HSS,HLR,ENUM,CSCF, MRF(C+P), BGCF, MGCF while analyzing VoLTE logs.
* Hands on experience on different IMS call flows like IMS registration, IMS to IMS call (VoLTE call), IMS conference call.
* Experience on TCP/UDP, DNS, DHCP.
* Finding the root cause of errors and reporting them with proper analysis.
* Involved in writing test cases for SIP functionality for various features such as call cancellation, call transfer, CFU, CFB, CFNA etc.
* SIP, SDP, RTP, DIAMETER Protocol
* Posting Bugs and updating bug-tracking system as appropriate.
* To analysis different audio codec and payload.
* Performs SDM node testing and analysis on both Pre-Production and Production Environment
* Perform functional/FM/PM/Regression/Resiliency/Resilience testing for different SDM nodes like One-NDS,Register (HSS/HLR), MNP, EIR(IMEIDB), ENUM .
* Hands on experience on different IMS/SDM call flows like IMS registration, IMS to IMS call (VoLTE call), IMS to PSTN .
* Experience on DIAMETER,MAP,SS7,SIP and SOAP trace analysis using Wire shark tool.
* Experience on QC ALM and JIRA for STLC and bug Lifecycle .
* Finding the root cause of errors and reporting them with proper analysis.
* Involved in taking coordination with various inhouse teams of STP,DRA,ATI,LCS,RDS teams.
* Experience on handling RMTS(Remote Mobile Testing System) on Vysor through Resbherry Pi.
* FM/PM test case analysis using NetAct tool.
* SIP trace analysis using Wire shark tool.

**Previous Experience:**

* Worked as Senior Engineer in Huawei Technologies India Pvt Ltd. (On payroll of Quess Corp Ltd.)

1. **SMART PLDT (Bangalore, Karnataka) Duration: - July -20 to Sep-21**

**Roles and Responsibility**

* Preparing of Method of Procedure (Mop)
* Preparing and analyzing customer plus node specific Network Impact Report.
* Method of Procedure and Network Impact Report agreement with customer.
* Performing Upgrade procedure on native MTAS.
* Alarm resolution or any other trouble shooting also performed during maintenance window.
* Design integration & troubleshooting
* Preparation of LLD
* Carried out installation
* Have Prepared PDB Tool configuration for nodes to be installed on BSP native
* Involved in VNF deployments and E2E troubleshooting.
* Analyzing several scenarios on Wireshark during the execution of test cases.
* Deploying configuration on open stack through cliss/putty
* Health check and KPI monitoring activity.
* Operation & Maintenance activity, alarms, event analysis
* Worked as LTE Engineer in Ericsson Global India Pvt Ltd. (On payroll of Quess Corp Ltd.)

1. **T-Mobile USA (Bangalore,Karnataka) Duration: - Sep -19 to June-20**

**Roles and Responsibility**

* VOLTE Testing
* VOLTE call testing & Analysis the call flow. Proper justification for each Call issue.
* XCAP Used for Analysis VOLTE call & Call Flow.
* Coordinating for Resolving Problem to Drive Test Teams for SCFT’s as well as Cluster Drive activities.
* Analysis the report of VOLTE & LTE sites.
* Worked as Test Engineer in Vodafone Idea Ltd. (On payroll of Evolve Technologies and Services Pvt. Ltd./Linkquest Global Pvt. Ltd.)

1. **Vodafone (Jaipur,Rajasthan) Duration: - Oct -17 to July-19**

**Roles and Responsibility**

* Working as team in the testing of SBC Node
* Involved in testing of different call scenarios based on SIP.
* Involved in writing test cases for SIP functionality for various features such as call cancellation, call transfer, call forward Hold etc in IMS network.
* Analyzing the scope of testing.
* Design and Execution of test cases.
* Posting Bugs and updating bug-tracking system as appropriate.
* To analysis different audio codec and payload.
* SIP trace analysis using Wireshark.
* Analysis of different type of logs, memory and CPU consumption, call failure-success rate and system level Logs.
* Worked as Test Engineer in IDEA Cellular Ltd. (On payroll of Aditya Telecom Solution Pvt. Ltd.)

1. **IDEA Cellular Ltd. (Lucknow,UP) Duration: - May -16 to Sep-17**

**Roles and Responsibility**

* Cluster Optimization,DataAnalysis,Drive Test Report Validation.
* Post Processing On TEMS Discovery,Nemo Analyzer.
* Co-ordinate with DT teams ,Troubleshooting.
* Perform Best in Pressure and easily handle to Customer.
* Resolve issue in dynamic and static data speed like FTP HSDPA,FTP HSUPA,HTTP HSDPA,PDCPDL, PDCPUL, R99.
* Analyzing the 2G Log, Interference, Call Drops, Rx Quality, Rx Level, SQI, C/I, Handover.
* Planning & Optimization of GSM cell site
* 2745 Core Alarm Reduction with coordination of RAN team

**Tools Used:**

* SIPp, X-lite, Zoiper , HPQC (ALM), CBAM ,NIAM Client ,RAS ,JMeter
* Putty, X-shell,MobaXterm
* WinSCP
* JIRA Confluence
* Wireshark ,VYSOR

**Educational Qualifications:**

* Completed **Bachelor of Technology in Electronics and Communication with 74.66%** from **UPTU, Lucknow**
* **H.S.C (10+2)** with **81.80%** from **KV Basti** **(June’10)**
* **S.S.C (10th)** with **86.6%** from **KV Basti** **(May’08)**

**Additional Qualifications &Professional Development:**

* Microsoft Word**, Advance Excel & PowerPoin**t
* **Basic understanding of Python and CI/CD Concept**

**Personal Details Status:**

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| **Date of birth** | 23-03-1993 |
| **Hobbies** | Music, Playing Cricket |
| **Language known** | English, Hindi |
| **Native State** | Uttar Pradesh |
| **Permanent Address** | 661,Pikaura Bux Near Gandhi Ashram Gandhi Nagar Basti, UP-272001, India |

**Declaration:**

I hereby declare, the above written particulars are true to the best of my knowledge and belief.

Date: 30-09-2022 ABHINAV SRIVASTAVA

Place: Noida