**MD TAJ RAZA**

E-Mail:mdtajraza@gmail.com

Contact no. : +91-9990566317

**OBJECTIVE:**

I aspire to be a valuable resource in your esteemed organization and help develop software that is going to meet individual client needs.

**EXPERIENCE:**

**Aricent Group, Gurgaon, India**

Software Engineer

Sep 2011 – Present

* **Successfully completed Nalanda PRISM Training held for 3 months.**

#### Aricent's LTE - L2 Stack integration and validation with PICOCHIP eNodeB

(Duration: Dec’ 11 – Mar’ 12)

* Integration of l2 stack with PICOCHIP Kontron board.
* Responsible for the development of adaptation layer(L1-L2) in C .
* Tested and validate the issues on picochip Kontron board with IPR stack.
* Debugged the issue through rrc\_log,with print in the code and also from the EPC,fapi logand UE log(QXDM).
* Tested with the HTC thunder mobile video calling through Skype.
* Tested scenarios like UM,SISO,MIMO,CLPC,TM4,TTI(1,2,3) with peak throughput.

#### Aricent's LTE - L2 Stack integration and validation with Freescale 9131 eNodeB

(Duration: Apr’ 12 – Aug’ 12)

* Integration of l2 stack with freescale 9131 board.
* Responsible for the development of adaptation layer(L1-L2) in C .
* Upgrading the BSP on 9131 freescale board and compile the Aricent stack with BSP release.
* Tested many scenarios like SISO,MIMO,UM,AM,TM3 with single and multi UE.
* Debugged the issues with the L2\_log,rrc\_log,oam\_log,FAPI Log,and with the EPC wireshark.
* Hand over tested with two 9131 eNB boards.
* Tested with peak throughput on SISO,MIMO for the stability.

#### Aricent's LTE - L2 Stack integration and validation with Freescale 9132 eNodeB

(Duration: Sep’ 12 – Jan’ 13)

* Integration of l2 stack with freescale 9132 board.
* Worked at Client Side Freescale Lab Noida for 7 Months on 9132 eNb board(L1) for the integration activity with Aricent’s Stack(L2,L3).
* Tested different scenarios like TM1,TM2,TM3,UM,AMwithCFI(1,2) binaries of Aricent Stack on single and multiple UE.
* Tested the peak through on 4,8,16 UEs with 9132 Freescale board.
* TTI(1,2,3) and CLPC, multi attach detachtested with multiple UEs(4,8,16).
* Made the script to run the throughput(UL/DL,DL&DL) on all the UEs(4,8,16).
* Compilation of Aricent stack(L2,OAM,RRM,RRC) compatible with BSP release freescale.
* Debugged the issue and also verify the test cases with fapi log, EPC wireshark log and QXDM Log(UE Log).
* Tested the RF condition with RF Analyser.

#### Aricent's LTE - L2 Stack integration and validation with Broadcom 61750 eNodeB

* Integration of l2 stack with broadcom 61750 board.
* Responsible for the development of adaptation layer(L1-L2) in C.
* Prepared the whole setup(EPC,PDN,ENB) and tested the dl/ul with different scenarios.
* Compilation of Broadcom l1 and compile the Aricent’s L2 compatible with the Broadcom L1 release.
* Tested different scenarios with UM,AM,SISO,MIMO mode.
* Verified the test cases in FAPI wireshark Log,EPC Log,RRC Log. Eperview Log.

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**Technology Skills:**

* Excellent exposure of End to End System Integration of LTE devices.
* Excellent debugging skill. Analyze the logs of EPC,FAPI,QXDM,EPERVIEW Logs.
* Having the knowledge of EPC(Installation,configuration) emulator.
* Installation and configurations of MME, PGW, SGW,PDN,HSS.
* Software Development, Scripting, and Unix/Linux Programming.
* Integration of L2/L3 with L1, EPC and different commercial and test UEs.
* Good Knowledge in Core Networks and call processing concepts.
* Good knowledge of C on Linux Platform.

**EXPERIENCE Gained While Pursuing Degree:**

Employee Management System based in C/C++ (Turbo C++) from Jamia Hamdard New Delhi.

Hospital Management System on Linux platform.

**Professional Qualification:**

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| **Degree/**  **Examination** | **Year of Passing** | **Institute** | **Board/University** | **CGPA** |
| B.TECH.(COMPUTER SCIENCE) | 2011 | JAMIA HAMDARD,NEW DELHI | JAMIA HAMDARD,NEW DELHI | 8.74/10 |

Other Qualification:

I have passed 12th(Math.) from B.I.E.C. Board Patna and secured First division(62%).

I have passed 10th from B.S.E.B. Board Patna and secured First division (66%).

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| **COMPUTER PROFICIENCY:** |

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| Programming Languages: | C, C++ | |
| Database: | RDBMS(Oracle 9i) | |
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| Operating System : | Linux(Centos, Fedora),Unix,Windows |  |

Others : Data Structure, Networking,

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| **CERTIFICATION:** |

* C++ from NIIT.
* CISCO CCNA Program (upto 4th module).

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| **SKILLS & STRENGTHS:** |

* Strong programming skills in C on Linux platform..
* Basic understanding of LTE.
* Very strong debugging and problem solving skills.
* Quick Learner, Smart Worker,and Self Motivated person.
* Ability to adjust to the situation.

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| **LEADERSHIP :** |

* Co-ordinator IT Fest at Jamia Hamdard (NERDZ 10)
* Organizer IT Fest at Jamia Hamdard (NERDZ 09)
* Volunteer in NCRDCA’09 at Jamia Hamdard.
* Volunteer IT Fest at Jamia Hamdard (NERDZ 08)

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| **PERSONAL DETAILS:** |

DOB : 27th Nov. 1987

Gender : MALE

Marital Status : SINGLE

Father’s Name : MD NAZRUL ISLAM

Mother’s Name : BADRE EHSANA KHATOON

Languages known **:** English,Urdu,Hindi, Arabic(rw),Persion(rw)

Hobbies : Playing Cricket,Listening FM.

Permanent Address : AT+P.O. - Pokhraira, Via-Raipur,Distt-Sitamathi

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