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**SIDHARTH DEEPAK UDANI**

**O**BJECTIVE

To obtain a challenging Software Engineer position where strong professional and academic experience, demonstrated technical expertise, and analytical skills can be leveraged to support an organization to achieve its goals.

**P**ROFILE

* Have a Expertise in **RLC Protocol of layer 2 in LTE domain**.
* Currently working on **MAC Layer of layer 2**.
* Currently working in **C++**.
* Currently associated with **Azom Infosolutions**, Gurgaon as Software Engineer since March 2013.
* Previously worked with **Aricent Group**, Gurgaon as Software Developer for 1 year, 8 months.
* Working experience in **C**.
* 1+ year of experience in IPv6 development at Aricent Group.
* Experience of design analysis, feature implementation, problem solving.
* A thorough professional with a proactive attitude, ready to take challenges, ability to work well in a team.

**T**ECHNICAL **S**KILLS

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| **Platforms** | Windows Server, VxWorks |
| **Programming environments** | Visual Studio 8 |
| **Languages** | C, C++ |
| **Scripting/Mark-up Languages** | HTML |
| **Database Management** | MySql |
| **Domain Knowledge** | Data structures, Computer Networks, Operating Systems (Linux, Unix, Windows, vxworks). |
| **Tools** | Clearcase |

**E**ducation

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| **Degree** | **University/Board** | **Year** | **Marks** |
| B.Tech | KIIT University | 2011 | 84.4% |
| X11th | ICSC Board New Delhi | 2006 | 83% |
| Xth | ICSC Board New Delhi | 2004 | 77.20% |

**E**XPERIENCE

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| **Company Name** | Aricent Group, Gurgaon, India |
| **Project Description** | TurboPage provides acceleration of web based non-secure and secure applications over **HUGHES** satellite communications networks. The effect of this acceleration is reduced response times when accessing web pages. The key functionalities that contribute to improved response time are Parse/Prefetch and data compression. |
| **Client** | **Hughes Network System, U.S.A** |
| **Duration** | 1 year 8 month (1 August 2011 – 22 March 2013) |
| **Team size** | 6 members |
| **Responsibilities** | * TurboPage Client helped in enhancing the code from IPv4 to IPv6. * Done the Unit Testing of the module as well as System Integration Testing. * Coded row44 enhancement and prepared its Unit Test Plan and done the Unit Testing. * Worked on States Machines. * Sound knowledge of routing. * Knowledge of softwares like cygwin, putty, wireshark, httpwatch etc. * Worked on routers, IP gateways and have basic knowledge of routing protocols like BGP, etc. * Worked on VLANs. * Prepared the Unit Test Plan of IP Gateway side of the IPv6 VLAN Enhancement & executed it. * Done the System Integration Testing of VLAN. * Worked on TBQ (Time Based Quota). * Worked on fragmentation & reassembly of packets. * Worked on Multicast Encryption Enhancement. * Implemented Multicast support for VLAN via IGMP. * Implemented Multicast Encryption support for VLAN. |
| **Platform Used** | VxWorks, Windows Server 2008, Linux. |
| **Technology and Language Used** | C, C++, Socket Programming, multithreading, state machines. |

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| **Company Name** | Azcom Infosolutions, Gurgaon , India |
| **Project Description** | Development of Layer 2 and Layer 3 of **LTE** and upgrading the releases.  Working on Texas Instruments platform. |
| **Client** | NA |
| **Duration** | 5 months (25 March 2013 - Current) |
| **Team size** | 9 members |
| **Responsibilities** | * Have a sound knowledge of SYSLIB (Texas Instrument System Library). * Working on Multithreading based environment. * Have a sound knowledge of working on multicore core environment and intercommunication among different cores. * Worked on Porting (moving the code from Socket base to SYSLIB base). * Debugged issues in PDCP & MAC Layer. * Worked on AM mode implementation of RLC Layer in Layer 2. * Expertise in RLC Protocol in LTE. * Currently working on MAC Protocol * Working on Bandwidth related implementation of MAC. |
| **Platform Used** | Texas Instrument platform, Linux |
| **Technology and Language Used** | C, C++, Socket Programming, multithreading. |

**P**rojects **U**ndertaken **d**uring **a**cademics

**1. Final Year Project :** GSM Module

**2. Third year Summer Training :** Study of Burner Card and connection between PLC and burner card.

**3. Second Year Summer Training :** ( KIIT University, Bhubaneswar**)** Red Hat Linux.

**Interest and Hobbies**

* Sketching.
* Computer Gaming (e-Sports).
* Playing cricket.

**P**ERSONAL **D**ETAILS

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Jamshedpur, Jharkhand - 831001.