**Samsher Kumar**

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Summary

* 2+ years of experience in software development, having good knowledge of C/C++, Data Structure, Algorithms and Socket Programing under Linux environment with domain knowledge of SS7, MTP3, and SNMP Protocols.

Work Experience

Expertise in C/C++ with 2 years of experience of Software Development with complete SDLC. Worked as a **Software Engineer in Aricent**. Have a good domain knowledge of SS7, MTP3, SNMP Protocol and programming knowledge of C/C++, Socket programing, data structure and shell scripting.

Currently working as **Senior Software Engineer** at **SpanIdea Systems**.

### Technical Expertise

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| Domain | SS7, MTP3, SNMP Protocol, SIP Protocol,Wireshark tool. |
| IPC | TCP, UDP and Socket Programming, Multi-Threading. |
| Software Engineering | Coding, Unit Testing, Release Testing. |
| Programming Language | C/C++, Linux, Shell Scripting, Multithreading, Data Structure and Algorithms. |
| Operating Systems | Linux, Windows |
| Keywords | C/C++, SS7, MTP3, Multithreading, Socket Programming, Agile. |
| Development Tools | Gdb, Purify, Valgrind, Wireshark, Klocwork. |
| Software Engineering Tools/Technologies | GCC, SVN and Clear Case. |

Project Details

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| Company: | SpanIdea System Solution |
| Duration: | July 2016-present |
| Role: | Senior Software Engineer |
| Project Description: | Implementation of PhoneLock PIN on SIP phone which supports Lync. |
| Responsibilities: | Coding,Unit Testing, Test Plan Creation |
| Technologies: | Domain : SIP  Protocol : SIP  Language : C++  Code management Tool - SVN |

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| Company: | Aricent, Gurgaon |
| Duration: | Nov 2015 – June 2016 |
| Role: | Software Engineer |
| Project Description: | Implementation of statistics of Error counters and reducing the trace flooding. |
| Responsibilities: | Coding, Unit Testing, Test Plan Creation and Bug fixing |
| Technologies: | Domain : SS7  Protocol: MTP3  Language: C/C++,  Memory management and Debugging Tool - GDB, Purify, Klocwork, Shell Scripting  Code management Tool - CVS |

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| Company: | Aricent, Gurgaon |
| Duration: | Sept 2015 – Oct 2015 |
| Role: | Software Engineer |
| Project Description: | Deletion of compilation flags from codebase. |
| Responsibilities: | Design, Coding, Unit Testing, Release Testing. |
| Technologies: | Domain : SS7  Protocol: MTP3  Language: Shell Scripting.  Code management Tool - Clear Case. |

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| --- | --- |
| Company: | Aricent, Gurgaon |
| Duration: | June 2014 – Aug 2015 |
| Role: | Software Engineer |
| Project Description: | Implementation of Dynamic configuration of NexGen product. |
| Responsibilities: | Coding, Unit Testing, Test Plan Creation and bug fixing. |
| Technologies: | Domain : SS7  Protocol: SCTP, MTP3, M3UA, SCCP.  Language: C/C++  Memory management and Debugging Tool - GDB, Purify, Klocwork.  Code management Tool - CVS |

Education Profile

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| **Degree** | **School/College** | **Board/university** | **Year** | **Percentage** |
| B.Tech(CSE) | Gandhi Institute For Technological Advancement, Bhubaneswar. | B.P.U.T Odisha | 2009-2013 | 77% |
| Senior Secondary (12th ) | L.N.T College Muzaffarpur. | B.S.E.B Patna | 2005-2007 | 56.3% |
| Higher Secondary (10th ) | Basantpur High School | B.S.E.B Patna | 2004-2005 | 67% |

Personal Profile

DOB: 7th May 1990

Father’s name: Mr. Bindu Singh

Nationality: Indian

Languages Known: English, Hindi

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place:** Bangalore **(Samsher Kumar)**