**Bharti Pathak**

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**SUMMARY**

A Dedicated professional with 3+ years of work experience specializes in development and strong debugging skills in C/C++ in Telecom domain seeking a career which would provide me an ideal platform to add values to the organization and at same time aid my growth as an individual, both professionally as well as personally.

**TECHNICAL SKILLS**

* **Development Technology** : Experience in C++, C, SOAP, Core java, Multithreading,

Shell Scripting

* **Database Management :** Practical knowledge of Oracle
* **Operating System/Platform :** Linux/Unix, Windows, OSP
* **Debuggers :** Strong knowledge of GDB
* **Tools Known :** Valgrind, Klockwork, Jenkins, SOAPUI
* **Others :** OOP’s Concepts and Software Engineering, Understanding of SOAP,

basic understanding of agile methodologies, basic understanding of windows platform.

**ORGANIATIONAL EXPERIENCE, SUMMERY AND PROFILE**

* 3+ years of Professional experience of development in **C++, SOAP technology.**
* My work including designing, programming and unit testing, writing automated unit tests of different features of product.
* Strong knowledge of **Data Structure, Manual testing** and **Object Oriented Programming concepts**
* Experience in Documentation.
* Good knowledge of testlink , Soapui,Diameter and SS7.
* Worked in various phases of Software Design Life Cycle (SDLC) like analyzing, designing, coding, reviewing and unit testing.
* **Strengths** – Good Understanding of Requirements, Strong Problem Solving Skills, Quick Ramp- ups, Multitasking Ability.
* Excellent communication skills which can be utilized in delivering presentations and one to one client interaction.

**PROFESSIONAL EXPERIENCE**

**Employment History:**

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| --- | --- | --- | --- |
| **Date** | **Company Name** | **Role** | **Domain** |
| July 2017 – Present | **Aricent Technologies Holding Pvt. Ltd.** | Senior Software Engineer(E3) | Telecom |
| Mar 2015 – Jun 2017 | **Aricent Technologies Holding Pvt. Ltd.** | Software Engineer(E2) | Telecom |

**Projects Experience:**

**Project 1:**

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| **Project** | **PRISM-GORI** |
| **Client** | **Orange France** |
| **Duration** | May 2017 – till date |
| **Position** | Software Developer/Senior Software Developer |
| **Team Size** | 4 member |
| **Domain/Language/OS/Tools used** | C++/C, Linux, GDB, Valgrind, Oracle, Testlink, Diameter/Sachem ,Klockwork e**tc.** |
| **About the Project:**  PRISM-GORI, uses Diameter and Sachem Protocols.  Diameter is a protocols for AAA (Authentication, Authorization, and Accounting) control, Diameter utilizes either SCTP or TCP. Diameter’s operation is more reliable, mainly because its specification addresses issues such as fail-over procedure and proxy/agent support.  **Roles and Responsibilities:**   * Working as a developer in feature development. * Understanding the requirements and design Specifications. * Creating test plan and cases in accordance with requirements. * Test execution with evidence capturing. * Defect logging and follow up till resolution. * Bugs reporting and resolving. * Running GDB Tool to analyze the RCA of issue and fix it with proper coding ethics. | |

**Project 2:**

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| **Project** | **ECN** |
| **Client** | **Orange France** |
| **Duration** | Aug 2015 – Till date |
| **Position** | Software Developer/Senior Software Developer |
| **Team Size** | 15+ members |
| **Domain/Language/OS/Tools used** | C++/C, Soap, Data Structure, Linux, GDB, Valgrind, Oracle e**tc.**  **Protocol:** SIP |
| **About the Project:**  It works on SS7 protocol stack. it acts as SCP in INTELLIGENT NETWORK. It uses SIP PROTOCOLS.  **SIP:** The Session Initiation Protocol (SIP) is a [communications protocol](https://en.wikipedia.org/wiki/Communications_protocol) for [signaling](https://en.wikipedia.org/wiki/Signaling_(telecommunications)) and controlling multimedia [communication sessions](https://en.wikipedia.org/wiki/Communication_session) in applications of [Internet telephony](https://en.wikipedia.org/wiki/Internet_telephony) for voice and video calls, in private IP telephone systems, as well as in [instant messaging](https://en.wikipedia.org/wiki/Instant_messaging) over [Internet Protocol](https://en.wikipedia.org/wiki/Internet_Protocol) (IP) networks  **Roles and Responsibilities:**   * Working as a developer in feature development. * Understanding the requirements and design Specifications. * Creating test plan and cases in accordance with requirements. * Test execution with evidence capturing. * Defect logging and follow up till resolution. * Bugs reporting and resolving. * Running GDB Tool to analyze the RCA of issue and fix it with proper coding ethics. | |

**Project 3:**

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| **Project** | **MPR Netconf 1.4/1.5** |
| **Client** | **NOKIA** |
| **Duration** | Sept 2017 – Dec 2017 |
| **Position** | Senior Software Develope |
| **Team Size** | 8 members |
| **Domain/Language/OS/Tools used** | C/C++, Linux, System calls and IPC, GDB, Valgrind**,** Simulator |
| **About the Project:**  **NETCONF** is a protocol defined by the IETF to “install, manipulate, and delete the configuration of network devices”. NETCONF operations are realized on top of a Remote Procedure Call (RPC) layer using an XML encoding and provides a basic set of operations to edit and query configuration on a network device Roles and Responsibilities:   * Understanding the requirement and design specification. * Done Online and Offline radio testing using mobility client server application and Used and develop simulator for the same. | |

**ACADEMICS**

**July 2011 – April 2014**

Master of Computer Application From MITS College Gwalior (RGPV Bhopal ,MP).

**July 2007 – April 2010**

Bachelor of Science from Vridasahay College Dabra (Jiwaji University Gwalior, MP).

**PERSONAL INFORMATION**

Name : Bharti Pathak

Father : Mr. Ashok Pathak

Language Known : Hindi and English

**DECLARATION**

I hereby certify that all the information provided here is correct to the best of my knowledge.

**(Bharti Pathak)**