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**Profile Summary**

* 2 years of Experience in Application Development, Testing and Documentation.
* Deep Knowledge of Windows based operating system and services.
* Experience in reviewing deliverables at regular intervals and complete project at a time.
* Ability in software testing include creation test script/cases execution of functional and performance tests.
* Excellent analytical, problem solving, technical, interpersonal, and communication skills with a strong entrepreneurial drive.
* Pursuing Data Science Certification from John Hopkins University through Coursera.
* Excellent team player and possess leadership ability.

**Technical Skill Set**

Programming Languages: C++, C#.Net , Java

Skills Learning : HTML,CSS, Javascript,Bootstrap,Ruby on Rails

Scripting Language: Python

Programming Environments: Visual Studio, GVIM,Eclipse,

Tools: CVS, Clear Case, GDB, Wireshark, Purify

Version Control : CVS, ClearCase, Git

Operating System: Linux, Windows

**Work Experience**

**Software Engineer @ Aricent Group (July 2013 – Present)**

**Role:**

**1. Base transceiver system GERAN Load Tester**

* Worked for a leading client in test equipment, RF and microwave integrated circuits, components and systems used for wireless communications.
* Worked on Design and development of User interface of desktop application to control the tester.
* Mapped Customer Requirements in to existing system, determining gaps and visualising requirement.
* Finalized technical / functional specifications as well as designing, developing, testing, troubleshooting and debugging of the application.

**Highlights:**

* Personally interacted with customer to prioritize user functionality designs.
* Demonstrated excellence in preparing system requirements, design requirements and user guide for the application in effective manner.
* Hold the distinction of creating test cases and test strategies of the application
* Showed excellence in following customer coding guidelines to write the code.

**Technologies Used:**

* C#.net , C++, C, Python

**2. Core network simulator for GERAN (Mobile Switching Centre)**

* Worked to develop core network simulator to simulate mobile switching centre.
* Implement BSSMAP Protocol stack.
* Designed and developed Finite state machine to handle Mobile originated, mobile terminated and SRVCC call.
* Mapped the design to existing system of core network simulator for UTRAN.

**Technologies Used:**

* C, Wireshark

**3) LTE Enode-B Load Tester**

* Working for a leading client in test equipment, RF and microwave integrated circuits, components and systems used for wireless communications.
* LTE Enode-B Load tester is a simulator to simulate Multiple User Equipement to test Enode-B
* Working on support and feature enhancement of desktop application to control hardware.

**Technologies Used:**

* C#.net , C++, C, Python

**Internship**

Intern @ Aricent Group (Jan 2013 – June 2013)

**Project: UE Test Simulator**

* Design and Documentation of Product
* Developed and Designed Graphical User Interface of Product.
* Finalizing
* Done unit testing and integration testing.

Techniques Used: C#.Net, Visual C++ MFC

**Qualification**

Master of Computer Applications NIT- Bhopal (2010-13) CGPA: 8.14

Bachelor of Science (Hons. In C.S.) Banaras Hindu University Percentage.:70 %

**Projects-**

**MCA Project:**

**Email Manager** is a desktop application using POP, IMAP and SMTP services provided by the mail services like gmail.com, yahoo.com. Project included auto Synchronization, Email Scheduler and offline mail check services.

Technology used: C#.Net, Ms-SQL

**Achievement**

Won Individual Excellence award for showing commitment and ownership in project development.

**Hobbies**

Graphics Designing, Watching Movies