**<Name>**



Senior Engineer in High performance distributed computing, with a focus on Quality Assurance, and a proven ability to deliver on projects providing critical solutions in varying business domains.

**SUMMARY**

* 4+ years of experience in leading and working on teams analyzing, designing, implementing, testing and maintaining distributed Server-side software systems, with firm understanding of Object Oriented Design and software design patterns.
* Extensive experience in working with High Availability systems supporting high volume real time traffic.
* Proficient in developing software systems using Java and C++ with a firm understanding of data structures and algorithms.
* Proficient in Networked Systems testing. Worked extensively on critical phases of Testing lifecycle such as Integration, Regression, Business Functionality, Systems and Performance testing, helping define and improve the process at each step.
* Hands-on experience creating Test plans, Issue/Defect Matrices, Procedures, Simulators, Test data and User Training documents for several phases of testing lifecycle.
* Worked closely with Product and Project management to ensure on-schedule delivery of functionally correct and complete feature set.
* Firm understanding of agile methodologies and continuous integration philosophy and practices.
* Firm understanding of Service Oriented Architecture and Cloud based systems.
* Familiar with Spock, Geb and Selenium automation frameworks.
* Good understanding of Relational databases and NoSQL stores, proficient in SQL
* Worked in the **roles** of Software Developer, Feature Coordinator and Systems Quality Engineer.
* Extensive experience with various Telecom standards such as GSM, GPRS, UMTS, 3GPP and various Telecom protocols.
* An effective team member with outstanding organizational and communication skills.

**ENGINEERING TOOLS & TECHNOLOGIES**

* Operating Systems – Unix, Linux, WinX, MacOS
* Programming languages – Java, C++
* Automation Frameworks – Selenium and Spock
* Relational Data stores – Oracle 10/11g, Postgres
* Debugging tools – Cantata++, GDB, Flexelint
* Profiling tools – Jprofiler, Yourkit, Purify, Valgrind
* Continuous Integration and Bug/Task Tracking – Jenkins / JIRA, OmniTracker
* Code Review / Coverage – Crucible along with FishEye, Sonar
* Configuration Management – SVN, Clearcase, Git
* NoSQL stores – Voldemort, MongoDB
* Build automation – Maven
* Design Tools – Rational Rose, Rhapsody
* Web servers – Jetty based
* IDE – Visual Studio and Eclipse

**Nokia Solutions & Networks, Bangalore 2004 – 2009**

**Senior Software Engineer**

I started as a Software Engineer to progress into the role of Senior/Lead Engineer. In my role I was responsible for

* Analysis, design, prototyping and development of Integrity check systems for Operations & Maintenance agents (Performance, Security and Software management) for Telecom Network elements using Java, C++ in Unix environment.
* Actively participated in the code review process helping early identification of bugs and performance issues.
* Led the Release Engineering processensuring timely completion of features and release of software artifacts to the customers.
* Led the first bring-up and integration efforts of code leveraging, debugging and profiling tools like Cantata++, Flexelint, JProfiler, Yourkit
* Led the testing efforts of the Application, prepared necessary Test plans, Procedures, Simulators and Test data for each of the listed phases of quality assurance process including Integration, Regression, Smoke and Performance testing
* Supported the User acceptance-testing phase performed at the customer premises, and was the first point of contact for any production defects
* Created a mentorship program for Software Engineers with focus on Quality Assurance

**Santa Monica, CA 2012 – Present**

**Learning / Freelance**

After returning from a sabbatical and during my wait for receiving a work authorization I worked extensively to enhance and improve my skills via

* Learning software automation and testing frameworks like Selenium, Spock and Geb.
* Learning nuances of Software scalability emphasizing on performance characteristics of applications.
* Developed a firm understanding of NoSQL datastores such as Voldemort and MongoDB.
* Developed familiarity with Jetty based web servers configured to run RESTful web services developed using Jersy and spring.
* Developed a firm understanding of Service Oriented Architecture (SOA) and API driven systems.
* Executed small projects as freelance for non-profits based in India.
* Manual and Automated Mobile Application testing

**EDUCATION**

Bachelor of Engineering, Computer Science

**REFERENCES**

To be made available on request