SAROJ BASANTARA

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**Experience Summary:**

11 years of experience in Information Technology with emphasis on **Software Quality Assurance** and **Testing**. Experienced in System, Functionality, Regression, Sanity, Integration, GUI Testing and also debugging applications by using **Manual** and **Automation tools.** Hands-on experience leading all stages of test efforts including requirement definition, design, testing and support.

**Expertise Highlights:**

* Result-driven Quality Assurance professional with solid knowledge in manual and automated software testing and extensive experience in software development methodologies including both **Agile** (Scrum) and **Waterfall** models.
* Experience in Cisco Unified Communication Manager.
* Proven expertise in test design, test development and QA of enterprise level application systems.
* Hands on expertise with test automation languages/tools such as **Tcl/tk**, **Python** and **Selenium**.
* Proven experience using test management and defect tracking systems such as **Quality Center**, **TIMS** (Test Information Management System), **Rally**, **CDETS** (Cisco Defects Enhancement Tracking System) and **Jira**.
* Experience in performance of Test Validation and Verification, Positive and Negative, Boundary Value Analysis, Equivalent Class partitioning, Smoke (Sanity), Functional, Integration, System, Regression, Ad-hoc (Exploratory), Cross–Browser, User Interface and User Acceptance tests.
* Proficient in multiplatform (Windows, Linux, Mac OS) and cross browser testing (IE, Firefox, Chrome, Safari).
* Strong understanding of Software Development Life Cycle as well as Software Testing Life Cycle.
* Comfortable working as a member of integrated team as well as independently.
* Experienced in analyzing Business requirements and technical specifications.
* **Use Cases**, and creating **Requirements Traceability Matrix**, **Test Plans**, **Test Cases** and **Test Scripts** based on defined testing standards.
* Proficient in **Requirements Analysis**, **Test Preparation**, **Test Execution**, **Defect Management** and **Management Reporting.**
* Expertise in creating and enhancing **A**utomated **scripts**.
* Experience in **Waterfall** and **Agile/Scrum** Methodologies.
* Aware of **Q**ualityprocedures, **ISO 9000 series** and **CMM** levels.
* Filed one **CPOL** (Cisco Patent Online) on Energy-wise. Received recommendation to implement the idea in Cisco Internal products.
* **VMware** training completed.
* Self-driven and self-motivated person possessing excellent communication, presentation & interpersonal skills with willingness to learning new technologies/sharing ideas.

**Technical Proficiencies:**

Operating Systems: Windows 2000/XP/Vista/7, Unix, RHEL, Ubuntu, Mac OS Databases: SQL Server Servers: Tomcat, Nginx **Architecture:** OOP and client server

Development Languages/Tools: Java, Eclipse Automation Languages: Selenium, Python, Tcl/tk **Testing Tools: Selenium IDE 2.1, SoapUI pro 4.x, Jmeter, FEST Defect Tracking & Management Tools: JIRA, Quality Center 9.x, Clear Quest, TIMS, Rally, CDETS** SD Methodologies: Agile, Scrum, Waterfall Protocols: SIP, H.323, AAA, TLS/SSL Security Services: VPN, RSA, VeriSign, Public key Cryptography, Certificate Authorities (CA) Identity Management: SSO, SAML2.0, AD, OpenAM

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**Academic Qualification:**

Master in Computer Application (MCA)

Utkal University, Bhubaneswar, Odisha

BSc in Mathematics Utkal University, Bhubaneswar, Odisha

**Professional Certification:**

* **CSM (C**ertified **S**crum **M**aster)
* **C**ertified **C**isco **S**ecurity **N**inja **W**hite **B**elt

**Professional Experience:**

**Cisco Systems, Bangalore**

**Lead QA Engineer May 2008 – present**

As a Lead QA Engineer, performed software testing and quality assurance of various features such as Disable Phone VPN Provisioning, Energy-wise, Session Trace Enhancement, Cisco Emergency Responder, Single sign-on working under Agile (Scrum) software development environment.

**Responsibilities:**

* Leading role in test automation and manual testing. Actively involved in creation of detailed test plans, test cases and test scenarios for different test features according to functional requirements and business specifications.
* Responsible for conducting functional, UI, regression, cross browser and ad-hock testing.
* As a member of the Scrum team, participated in daily standup meetings, sprint planning meetings, look ahead meetings, demo meetings as well as retrospective meetings.
* Identified, analyzed, and documented defects utilizing CDETS, Jira and Rally as defect tracking systems.
* Worked closely with Development team and QA teams as well as Stakeholders and members of Management.
* Took an active role in static testing activities such as design review and requirements inspections to identify ambiguity and inconsistency in requirements as well as to improve UI\UX Design of company software products.
* Responsible for defect tracking, defect reporting and defect reproducing.
* Tested applications compatibility on different platforms (Windows, Linux, Mac OS), browser versions (IE, Firefox, Safari and Chrome)
* Created traceability matrices, test and bug reports and other test related documents.
* Involved in system integration and user acceptance testing (UAT) on later stages of SDLC.
* Lead initiative for proper detailed documentation of QA reports

**Environment:** TIMS, Jira, CDETS, EDCS, Selenium, FEST, Tcl/tk, Modena, Jmeter, SoapUI, XML, Java, SQL and Agile Scrum

**Wipro Technologies, Bangalore**

**Test Lead Nov 2003 – May 2008**

As a Test Lead, engaged in software testing and integration of different features such as Nortel PBX, SSL/TLS, Element Manager and MGC/DSP. Responsible for testing and integration of various features in waterfall development environment.

**Responsibilities:**

* Worked on UNIX environment in Test and UAT environment.
* Involved in Requirements meeting, created Test Cases, Test Plan document and have them reviewed with different stakeholders.
* Responsible for Sanity, UI, Functional, Regression, cross browser, Automation and Reporting.

**Continued…**

* Involved in Automation of Web Application using WinRunner.
* Importing requirements, create test cases, validate requirements with test cases and generate reports using Quality Center.
* Managed the testing process, schedule batch tests, log and track defects using Quality Center and Clear Quest.
* Performed functional testing of application by executing test steps from Test Cases. Provided update to Team Management about the daily Testing activity progress.
* Created defects to keep track of issues or software bugs which breaks the functionality or doesn’t meet the requirements.
* Escalated testing issues, risks, dependencies and resource constraints to the Testing Team leadership.
* Participated in review meetings to resolve bug related issues with developers.
* Involved in daily meeting with Team members to keep track of defects and provided update on testing progress to the Management.
* Involved in retesting the fixed defects and keep track of defects through defect life cycle.
* Involved in weekly meeting with client to sync up on the project status.
* Participated in weekly defect resolution status calls to discuss defects with vendors, project management and users.
* Created training material for offshore team as well as trained the new hires on application and bringing them up to speed.
* Facilitated the Testing Kick-Off Meetings and prepare the PowerPoint presentation/Live meeting materials.
* Proactively identified and reported on defects, issues and dependencies for the project to the Leadership team.
* Provided a Go/No Go Decision from a testing prospective for different projects.

**Environment:** Quality Centre, Clear Quest, WinRunner and XML

**Other Personal Highlights:**

* Good communication & client interfacing skills - Attended various corporate trainings on soft-skills development and customer/client orientation.
* Attended training on Six Sigma “DMAIC” methodology
* Attended Training on ELP (Emerging Leadership Program)

**Declaration**:

I hereby declare that the information furnished above is true to the best of my knowledge.

**S**aroj **B**asantara