**Deepa Konduru Bhadraiah**

[deepakb.ip6@gmail.com](mailto:deepakb.ip6@gmail.com)

(408) 475-2560

###### PROFESSIONAL SUMMARY

* Over **6.5 years** of experience in the IT industry in Quality Assurance using **Web based** and **Client/Server** applications with strong business understanding.
* Thorough knowledge of testing Life Cycle including - **Functional, System Integration, System, Regression, User Acceptance testing, Integration Testing, Backend** Testing
* Extensively used **Interactive Automated-testing** tools like **Selenium, Quick Test Pro (QTP), Load Runner, SOAPUI**
* Extensively used **Rational tools - Clear Quest, Test Real time**, Test Management and defect tracking tools like **HP**(Mercury) **Quality Center, Bugzilla**.
* Testing skills include**White Box Testing, Black Box Testi**ng using automated tools and manual procedures
* Experience in creating Test Frameworks using **Java, JUnit** and **Selenium RC/Webdriver** with **Data Driven Testing, UI Mapping and Design Patterns.**
* Experience in Automated QA using **Java, JUnit, TestNG, SOAPUI, MAVEN and Jenkins.**
* Extensive experience with **JMeter**to do Load and Stress tests for web applications and **REST API’s.**
* Experienced in Web Services Testing (**SOAP and REST**) using SOAPUI.
* Worked on framework built using **Page classes, Data Driven, Dynamic locators, Keyword files, properties files, Excel sheets and JDBC.**
* Extensive Experience in Relational Database Management (RDBMS) Concepts and OOAD (Object Oriented Analysis and Design) Concepts with good working knowledge of ORACLE Experience in testing **Web-based** and **Client-Server** applications on different environments.
* Worked on complex **SQL** queries and **PL/SQL procedures** to debug and to data validations.
* Aware of all the phases of SDLC & STLC.
* Knowledge of Source Control System **GIT and Subversion**.
* Worked with developers, business and release managers to discuss ways to fix the defects.
* Assisted technical writers to formulate **user support manuals**.

**SYSTEM EXPERIENCE**

**Software / Products /Tools**

• Selenium WebDriver, Selenium RC, Selenium GRID, Quick Test Professional, LoadRunner, JMeter, SOAPUI, Eclipse, JUnit, TestNG, Firebug, Firepath, ADB, LOGCAT, Android, HTTP, FTP, HTTPS, CVS, SVN, Apache Tomcat, JBoss, Quality Center, JIRA, Bugzilla, Oracle, MySQL

**Languages:**

• JAVA, SQL, PLSQL, XML, HTML, XPATH, CSS, VBScript, Shell Scripting

**Hardware / Operating Systems**:

• Windows 95/98/2000/XP/7/8, UNIX, MAC

###### *PROFESSIONAL EXPERIENCE*

***VISA, Foster City, CA [Jan 2014- Present]***

***QA Automation Engineer***

***Description:*** Visa developer center provides API's, SDK's, detailed documentation, sample code, and sandbox capabilities to help make digital payment development and integration fast, simple and secure. With Visa developer center, developers will have access to different technologies, tools, resources and support.

Aim of the project was to test the portal of Visa developer center, where different services of Visa are exposed.

***Responsibilities:***

* Review test assignments, develop Test plans and Scripts, and conduct tests as assigned.
* Worked with Business analyst and developers in identification of test data.
* Responsible for **white box testing** analysis and support of unit tests, system tests, integration tests.
* Created **java selenium test** scripts.
* Coordinated with QA team on Identification of Test Scenarios, Test Case Design, and Internal review.
* Develop automation functional test using Selenium IDE and remote agent testing with **Selenium Web driver and Grid**.
* Designed and Developed automation framework using **TestNg- Selenium WebDriver**.
* Developed**java** Runtime, Email utility and DB utility in automation Framework to validate a Database with the UI data and run the latest build on the **QA box with the Java runtime.**
* Wrote java scripting for testing the **java based application**.
* Based on page library, developed Selenium test cases in **JAVA using TestNg**framework.
* Designed and implemented a Java based framework that consists of the following sub frameworks **TestNG, Selenium.**
* Experience in unit testing for Java applications using **TestNG**.
* Expertise in creating testing framework by using **TestNG**and running through **Maven.**
* Tested**web services and Rest API** using **SoapUI, Groovy ,Java and HttpAssured API**.
* Created Test Suites and performed **parameterization** using properties files for **SoapUI test cases**.
* Performed web services testing using **SOAP UI (Both SOAP and RESTFUL).**
* Incorporated **Spring-REST Web Services**. These Web Services were used to communicate between the Ecommerce Services
* Tested the mobile Application using **Android SDK Tools** on Emulators and real devices.
* Used JUnitfor writing unit test cases and executed them as a test suite.
* Developed web services automated scripts from **API document to verify RESTful** web service calls using XML and JSON format.
* Tested Performance of the application and provided support to Performance test Team using **JMeter.**
* Defects found tracked and managed in **JIRA** and disposition in defect scrub meetings.
* Coordinating the defects with development team until closure and tracking defect status in Agile Management Tool - **RALLY.**
* Involved in writing **SQL queries and PL/SQL** procedures for backend database testing.
* Maintained test scripts in UNIX Shell to automate functional and regression testing.

***Environment:***SoapUI, JMeter, **Selenium RC/Webdriver,Java, ,TestNG**, **Android,** Oracle, Maven, JIRA, Unix, Agile, SQL.

***First National Bank of Northern California, Daly City, CA[Feb 2012 to Nov 2013]***

***QA Analyst***

***Description:***The project was to develop web based online bill pay feature, which allow customer to make "just in time" online bill payments to merchants, such as utility, auto finance and mortgage companies. The service helps customers avoid missing payments or making late payments. The online alerts feature gives customers advance notice about when a bill is due and also when a payment is sent.

***Responsibilities:***

* Reviewed Functional Requirement Specifications and created test cases based on test scenarios drawn from functional requirements.
* Created an automation framework for Regression Testing of the web application using **Selenium RC**
* Ran Selenium  test suites on the **Selenium Remote Control (RC)** Server through a batch script.
* Perform functional testing to identify various critical points in the application and automated it by using **Selenium RC.**
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* Involved in creating and executing the **SoapUI** automation Web Services test cases.
* **Automated Web Service API's utilizing a combination of SoapUI and SQL scripts to ensure back-end functionality and data integrity.**
* Developed **Unix Shell and PERL scripts** to automate business processes.
* Built Test scripts for different modules of application to check the performance of the application using **JMeter.**
* Involved in Database testing by writing & executing **SQL** queries using **SQLplus** to validate that data is being populated in an appropriate tables & manually comparing the results with front-end values.
* Used **JIRA** to build various test plans, test strategies, test objectives, and low-level test cases to perform various kinds of test to check each and every element of the database system.
* Executed tests (both manual and automated), examined output for validity based on business rules and reported defects in **JIRA.**
* Worked closely with development team toward the resolution of errors.

***Environment*:Selenium RC, JMeter, SoapUI, JIRA**, SQL, UNIX, Perl Scripting, , Oracle

***United Bank of Philadelphia, PA [Duration: Mar 2010 - Dec 2012] QA Analyst***

***Description:*** United Bank of Philadelphia is a commercial bank chartered in 1992 by the Commonwealth of Pennsylvania, Department of Banking. The Online banking allows the customers to make payments or transfer funds between the accounts, look up account balances, obtain the latest information on loan, pay bills and export files in various formats to match system requirement.

***Responsibilities:***

* Worked on**Designing scenarios for Performance Testing**, Generating scripts and handling Correlation as well as parameterization using **LoadRunner Vugen**, executing scenarios using Controller and analysis of results using **LoadRunner Analyzer**.
* **Analyzed Throughput Graph, Hits/Second graph**, Transactions per second graph and Rendezvous graphs using LR Analysis tool.
* **Prepared load Test analysis reports** (%disk, CPU Utilization, Throughput, %page breakdowns, Response Times, Network Monitors, Web Server Monitor Counters, captures, System Performance Counters and Database Performance Counters).
* Backend database testing by writing several **SQL statements** to validate the business scenarios.
* Used QTP **Checkpoints** and **Regular Expressions** for checking web pages, images, texts, and tables
* Developed **Test Plans**, Test Cases, Test Scripts, **Test Strategy**, Test Scenarios and Test Reports Enhanced & audited the complex **QTP Keyword** driven framework, ran tests scripts, fixed errors and applied changes to repository in Perforce source control system.
* **Used PL/SQL Developer** to query the back end databases.
* **Reported defects using Quality Center** and interacted with the development team to resolve any defects/issues.
* Extensively used **QualityCenter** for scheduling test and defect tracking.
* **Designed** and **implemented SQL queries for QA testing** and report / data validation
* Performed **Integration, Regression, UAT** and Database testing.
* Mapped and tested **XML** files.

***Environment:*LoadRunner, QTP**, Quality Center, SQL

***Koon’s Financial Services, Rockville, MD****[****Duration: April 2008 – Feb 2010]***

***Quality Engineer***

***Description:***This project was for the HR/Payroll system Employee Benefit module Process and ongoing benefit admin events. Benefit application changes and customizations, support testing activities including downstream payroll deductions and benefit interfaces.

***Responsibilities:***

* Used **Rational Quality Manager** for writing the test plan, test cases and also used it for reporting the defects. Analyzed the requirements, created test plans and executed the test cases.
* Performed positive, negative and regressiontestingmanually on new features.
* Used MS project to trackactivities and reportedweeklystatus to managers.
* Reported and trackeddefectsusing **Quality center**.
* Developed **QTP** scripts to automate smoke and regression testing.
* Developed and managed the shared object repository in **QTP**.
* Developed data driven tests using **QTP** to test various sets of data.
* Used **Quality center** for managing the defect flow, maintained test logs, test summary reports and participated in defect review/status meetings.
* Provided support for LCS projects (Lifecycle support)

***Environment*:**Quality Center, My SQL, SQL, MS Project, Windows 7, QTP, VB scripting

###### *EDUCATION*

* Bachelor of Technology from Anna University.