**PRATHAP B.**

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**PROFESSIONAL SUMMARY:**

* **Over 8+ years of professional Information Technology experience in Manual, Automation Software Testing** of the client/server, distributed, web, and Android/IOS mobile applications.
* Experience in Project Management and Defect Life Cycle Management tools like **Bugzilla**, **JIRA, HP Quality Centre/ALM and Team Foundation Server (TFS).**
* Proficient in building the Framework and writing Scripts for Automation Testing using **Selenium WebDriver**.
* Experienced in performing automated testing using **QTP/UFT** to test the functionality of the applications.
* Experience with **Protractor** to create an end to end framework using **Angular JS.**
* Experience in developing test scripts Using **Selenium Webdriver** with **Java** and **C#.**
* Experience in performing Cross-browser and Parallel execution of test scripts by using **Selenium Grid.**
* Implemented **Behavior Driven Development (BDD)** Approach using **Cucumber** and **Serenity.**
* Experience in creating the framework from scratch using **TestNG, PageFactory, Page Object Model approach, Log4J** and **Data Driven Framework.**
* Experienced in **API**, Web Service and Micro Services Testing using **SoapUI, ReadyAPI, and Postman** for **SOAP /REST** Services.
* Used **Rest-Assured framework** to automate RESTful **Web, Microservices.**
* Experience in different programming languages **C#,** **Java, JavaScript.**
* Extensively worked with **CI/CD** tool with **Jenkins.**
* Worked with **Version control tools** like **GitHub and Bitbucket**
* Performed Testing of database applications developed with **Oracle, DB2, My SQL** and **SQL Server.**
* Complete knowledge and expertise in writing and executing complex **SQL queries** in **RDBMS.**
* Experienced in Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Software Development Methodologies such as **Agile Scrum, Waterfall** etc.
* Participated in **Defect Review** Process, Managed **Defect Lifecycle**.

**TECHNICAL SKILLS:**

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| **Testing** /**Defect Management Tools** | Selenium WebDriver/IDE/Grid, QTP/UFT, Protractor, Jira, HP ALM, Load Runner, JMeter, Appium, TFS, Bugzilla, Manual Testing. |
| **Framework** | TDD, BDD (Cucumber-Serenity), Junit, TestNG, Page Object, Data Driven and Log4J. |
| **Web/Micro Services Tools** | Rest-Assured, SoapUI, Ready-API, Postman. |
| **Version Control Tools** | GitHub, Bitbucket |
| **Build/CI Tools** | Ant, Maven, Jenkins. |
| **Language** | Java, Python, SQL, C#, HTML, XML, JavaScript and VBScript. |
| **Processes** | Software Development Life Cycle, Software Testing Life Cycle, Defect Life Cycle, and Black/White Box Testing Techniques. |
| **Data Base** | Mongo DB, MS SQL Server, My SQL, DB2, Oracle |

**WORK EXPERIENCE:**

**Toyota Financial Services Plano, TX Jan’ 18 to Present**

**Role: QA Automation Engineer**

**Responsibilities:**

* Prepared Test scripts **using Selenium WebDriver** with **Java**
* Used **JIRA** to identify and track the issues from User stories.
* Extensively worked with **BDD (Cucumber-Serenity)** to automate acceptance criteria
* Created **Web services** automation Scripts using **BDD Web service** Framework
* Implemented automated test with **REST-Assured** for **REST APIs**
* Performed manual test case execution for **REST API** using **SOAP-UI**
* By using **AWS-Java-SDK** validated data at **AWS S3** bucket in **CSV format**
* By using **Mongo-Java-Driver** validated data at **Mongo DB** in **JSON format**
* Automated creation of **JSON request (header/body)** with the help of **WADL schema**
* Created jobs to run Regression Test Suites as a part of **CI/CD in Jenkins**

**Environment:** BDD (Cucumber-Serenity), Java, Selenium web driver, Rest-Assured, Soap-UI, Data Base connections (Mongo, S3), Jenkins, JIRA, and BitBucket.

**Aim Speciality Health, North Chicago, IL Mar’ 17 to Dec’ 17**

**Role: QA Automation Engineer**

**Responsibilities:**

* Used **JIRA** for Project management and Defect Tracking Tool.
* Worked with **Selenium Web Driver** with **Java** for write test scripts.
* Performed **Parallel and Cross Browser testing** on different browsers like Internet Explorer, Chrome, Safari, and Firefox where multiple tests can run at the same time using **Selenium Grid.**
* Prepared and Execution of test scripts using **BDD (Cucumber)** and **Selenium WebDriver**.
* Involved in Web services testing using **REST-Assured** by writing code to send the request and validate response in **XML/JSON** format**.**
* Performed manual test case execution for **REST API** using **Postman**
* Used **GitHub** for source code management and extensive used GIT command line interpreter.
* Performed Backend testing by writing **SQL** statements like Join, Inner Joins, Outer joins and Self Joins used **SQL** Developer
* Implemented test automation scripts for mobile testing using **Appium** for **Android** and **iOS**
* Integrated with Continuous Integration tool **Jenkins** for running the test on a regular basis automatically.

**Environment:** Selenium Web Driver, Java, BDD (Cucumber-Serenity), Appium, Protractor, Maven, GitHub, SOAP UI, Jenkins, HTML, XML, Jenkins, SQL, Agile, Apache Poi.

**Chain Bridge Bank, McLean, VA Jan’ 16 to Feb’ 17**

**Role: Test Automation Engineer/Mobile Tester**

**Responsibilities:**

* Created and executed Selenium test script suites using **Selenium Web Driver** with **Java**.
* Implemented scripts to test IOS and Android platforms also using **Appium**.
* Involved in working on the framework where we implemented **TDD (Test Driven Development)** using **TestNG** with **Log4J** **and Page Object Model**.
* Performed Load and performance testing using **JMeter.**
* Involved in testing of services using **SOAP/REST** services using **SOAP UI** with **Groovy Script**.
* Validated data and performed backend/database testing using **SQL** queries, Joins, and Functions.
* Worked with Version control and deployment using **GitHub.**
* Used **JIRA** to create a ticket and for defect tracking.
* Tested **critical bug fixes** including critical fixes and coordinatedwithdevelopers in the release of bug fixes meeting tight timeline.
* Followed and contribute to **Agile/SCRUM** activities.

**Environment:** Selenium, Java, Appium, Soap UI, GitHub, TestNG, Page Object Model, Jira, SQL, Junit and Agile/Scrum.

**Shop Runner, San Mateo, CA Jul’ 14 to Dec’ 15**

**Role: QA Engineer**

**Responsibilities:**

* Application development using **Selenium WebDriver** with **Java.**
* Used **Selenium Grid** to run the test in multiple browsers and Platforms.
* Used **JIRA** as Defect Management tool.
* Created automated scenarios using **Selenium** for regression and **Data Driven testing.**
* Execution of test suites and **HTML** report generation using **TestNG and Junit.**
* Used **SOAPUI tool** to test **Service Oriented Architecture (SOA)** based architecture application to test **SOAP services** and **REST API.**
* Worked with the developer regarding web service signature and enhanced the framework for all supported web services using **SOAPUI.**
* Proficiency in End-to-End Testing and backend validation using **SQL**.
* Experienced in **Agile** methodology with **SCRUM** Process for the product development.
* Extensive work on Agile Methodology for Sprints and Scrums.

**Environment**:

Java, Selenium WebDriver, Test-NG, Junit, HTML, Load Runner, Eclipse, SOAP, REST, SQL, Agile Methodology, JIRA, Unix/Linux, XML.

**Net Atlantic Inc., Salem, MA Oct’ 13 to Jul’ 14**

**Role: QA Automation Tester**

**Responsibilities:**

* Migrated scripts from **Selenium IDE** to **Selenium WebDriver** and created framework scripts from scratch.
* Developed Manual and Automation Scripts for Regression using **Selenium WebDriver** with **C#** for automation in **MS Visual Studio**.
* Implemented **Agile/Scrum** methods for the testing approach where recorded and managed defects of application.
* Experience in the Technical and Functional side of the **Team Foundation Server Components** (Source Control, Work Items, TFS Builds, Reporting and Share Point).
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using **Microsoft Test Manager (MTM).**
* Created **Data-Driven automation** scripts for testing **API Web Services** using **SOAPUI.**
* Involved in development of Web Services using **SOAP UI** for sending and getting data from the external interface in the **XML** format.
* Conduct product and infrastructure performance test across multiple products using **Load Runner**.
* Using **Load Runner**, execute multi-user performance tests, used online monitors, real-time output messages and other features of the **Load Runner** Controller.

**Environment:** Load Runner, XML, SOAP, SOAPUI, REST, TFS, MTM, Visual Studio, Selenium, Selenium Web driver, Selenium IDE, Coded UI, ALM, SQL, C#, Agile.

**Ramco Systems, Hyderabad, India Aug’ 11 to Sep’ 13**

**Role: QA Analyst**

**Responsibilities:**

* Worked on **Black Box and White Box Testing**
* Maintained **Requirement Traceably Matrix (RTM)** after developing and updating Test Cases
* Prepared the functional test cases using test design techniques data validation concepts **Equivalence partitioning, Boundary value analysis**.
* Developed Acceptance Criteria for each sprint as part of the release.
* Performed **Positive** and **Negative** testing by inputting valid and invalid data
* Participated in daily **Scrum** meetings to discuss the status of work done.
* Performed **Acceptance Testing** for every Release.
* Performed **Regression** testing to ensure that changes made to software did not introduce any new bugs.
* Responsible for creating **automation** scripts by using **QTP** with the **Data-driven testing framework.**
* Created **functional libraries** with **user-defined functions** and associated with the tests.
* Implemented **Recovery Scenario** to handle unexpected events or errors.
* Involved **in Backend Database testing** by using **My SQL**.
* Written automation test cases in **VB script.**
* **Performed performance testing** to establish the benchmark behavior of the system**.**
* Involved in **User Acceptance Testing (UAT)** of the application.
* Used **Bugzilla** for Defect Tracking.

**Environment: QTP10/UFT, SOAP UI, Quality Centre 10**, My SQL, UNIX, MS Office, HTML, Windows XP/Vista, Internet Explorer 6.0.

**Sports 195, Hyderabad, India Sep’ 09 – Aug’ 11**

**Role: QA Manual Tester**

**Responsibilities:**

* Developed **test scenarios** and **test procedures** based on the test requirements.
* Participated in preparation of **Test Plans**.
* Executed **functional** and **system tests** manually.
* Used **HP Quality Centre/ALM** as Project management and bug tracking tool
* Performed **Integration** and **User Acceptance** Tests throughout the SDLC of the application.
* Generated **Defect Reports** and the summary and progress graphs for the application.
* Communicated with **Functional Analyst** on any issue clarifications.
* Actively participated in **Bug Track** meetings.
* Participated in **Black Box** testing to check the functionality of the application.
* Reviewing **Requirement Traceability Matrix** **(RTM)** to send the report to BA to analzse functionality coverage.

**Environment:** Manual Testing, HP ALM, UAT, RTM, Black box testing, Microsoft Office, UNIX, and Windows7.

**EDUCATION:**

**Bachelor’s in computer science, JNTU Hyderabad, India - May 2009**