**PRATHAP B.**

**Phone: (513)-666-8657 Email: prathap456qa@gmail.com**

**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 understanding system specifications, functional, technical requirements, test pre-requisites and test data.
* Hands on experience inQuality Assurance including Functional, System, Smoke, Regression and Integration, User Acceptance Test (UAT) and Compatibility Testing of Web and Client server-based Applications.
* Expertise in reviewing/analyzing Software Requirements Specification documents **(SRS),** Business Requirement Documents **(BRD),** creating and developing Test Plans, Test cases, and test Scripts and interacting with development Team.
* Experience in **Black Box, White Box Testing** and **Requirement Traceability Matrix(RTM)**
* 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.**
* Testing mobile applications using varies devices and simulators using **Appium**.
* Implemented **Behavior Driven Development (BDD)** Approach using **Cucumber** and **Serenity.**
* Implemented **Test Driven Development (TDD)** Approachusing **TestNG.**
* Experience in creating the framework from scratch using **TestNG, PageFactory, Page Object Model approach, Log4J** and **Data Driven Framework.**
* Expertise in working with logging framework **Log4J**for reporting errors in file format.
* 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.**
* Strong Knowledge of **OOP Concepts** and **Core Java**
* 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**.
* Worked on **Agile/Scrum** methodology, involved in giving points to User Stories, Backlog grooming, User Story demos. Attended **Retrospective** meetings and worked on Iterations (Sprints) part of releases.
* Actively Participated in **Scrum meetings**, review and develop test scenarios.
* Experienced in coordination between the **Onsite and Offshore team**.
* Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.

**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 |
| **Development Environment** | Eclipse, Net-Beans, Visual studio |
| **Platforms** | Windows Family, UNIX, Linux |

**WORK EXPERIENCE:**

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

**Role: QA Automation Engineer**

**Responsibilities:**

* Participated with Team to finalize Test Requirements
* Involved in define Acceptance criteria from User stories
* Prepared Test cases/Feature files by using **BDD** from user stories
* 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
* Involved in Framework setup for **Smoke test** and **Regression test** using **BDD (Cucumber Serenity).**
* Prepared documentation for **BDD Serenity** Framework
* Created **Web services** automation Scripts using **BDD Web service** Framework
* Extensively worked with **REST-Assured** for Micro services testing and to send the request and validate response in **XML/JSON** format**.**
* Implemented automated test with **REST-Assured** for **REST APIs**
* Performed manual test case execution for **REST API** using **SOAP-UI**
* Participated in **Pass-through services** testing between different layers of the platform
* 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**
* Automated execution to post request and capture response validation
* Created jobs to run Regression Test Suites as a part of **CI/CD in Jenkins**
* Integrated the code with **BitBucket** and **Jenkins** to enable **Continuous Integration**
* Effectively communicate the Defects to the developers and logged defects in **JIRA**

**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**

**Description:**

AIM Specialty Health (AIM) provides clinical solutions that drive appropriate, safe, and affordable care.  AIM promotes optimal care through use of evidence-based clinical guidelines and real-time decision support for both providers and their patients. The AIM platform delivers significant cost-of-care savings across an expanding set of clinical domains, including radiology, cardiology, oncology, specialty drugs; sleep medicine, musculoskeletal care, and genetic testing.

**Responsibilities:**

* Assessed & analyzed user stories and participated in **Sprint planning**, Review Sessions & **Scrum** Meetings and developed Test scenarios, Test cases, Test data, Test procedures, Test reports.
* As an Automation Tester, participated in walkthroughs for the evaluation of the test plan with the design and development
* Participated in QA team and Bug tracking or Defect Review meetings.
* 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 to create test case scenarios using **Protractor** framework and validate end to end testing.
* Native events and browser specific drives used while writing tests in **Protractor**
* Achieved **Behaviour-Driven Development (BDD)** implementation with **Cucumber** where backend language used **Java, Gherkin** and expanded test scenarios, tracked **Cucumber reports**.
* Implemented **Data Driven** with **BDD (Cucumber)** automation framework using **Selenium WebDriver**
* Framework for **Smoke test** and **Regression test** using **BDD (Cucumber).**
* Participated in developing the framework by **using Data Driven, TestNG, Log4J and Page Object Model** approach with **BDD.**
* Used **Apache POI API** to read the test data from the excel sheet.
* 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**
* Performed Micro services Testing by **REST-Assured** with **BDD Cucumber**
* Strong experience with **SOA architecture** which includes Soap and **RESTful** Web Services Testing.
* Used **GitHub** for source code management and extensive used GIT command line interpreter.
* Extensively used **Selenium APIs** such as Take Screenshot for Capturing Failed test cases
* Performed Backend testing by writing **SQL** statements like Join, Inner Joins, Outer joins and Self Joins used **SQL** Developer
* Developed the test scripts and analyzed the results in various stages of the application including integration, regression, functional and acceptance testing using Selenium.
* 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.
* Performed User Acceptance testing (UAT) exclusively in an **agile** environment.
* Performed end-to-end testing of application and verified compliance for software quality standards of the organization.
* Conducted daily meetings with the developers and build Team.

**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**

**Description:** Chain Bridge Bank is a private bank whose mission is to provide the best possible banking experience by combining leading-edge technology with attentive personal service. Chain Bridge Bank offers a broad array of business and personal deposit account options, together with state-of-the-art payments, reporting and bill-pay technology that can help run business or household more efficiently. Clients may open accounts through a personal banker or online, in just minutes, without ever going into the Bank.

**Responsibilities:**

* Analysed Business Requirements Documents to get a better understanding of the system both on technical and business perspectives.
* Implemented automation using **Selenium Web Driver** for performing browser Compatibility Testing.
* Created and executed Selenium test script suites using **Selenium Web Driver** with **Java**.
* Implemented scripts to test IOS and Android platforms also using **Appium**.
* Use **Appium**to configure the regression scripts to be run on **Android** and **IOS** devices.
* Developed automation script for Mobile Native applications (IOS, Android) using **Appium, Java.**
* Used emulators and IOS simulators to perform the manual Mobile Testing.
* Using X-code to provide crash logs to the DEVS on **IOS** device.
* Using Eclipse to provide a Cat Log to DEVS for **Android** device.
* 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**.
* Responsible to verify **Web Services API request**, response data validations in **REST services** automation by using **SOAPUI.**
* Used **SOAP UI** for **REST/ SOAP Services** Testing and Validated Response manually in **XML** format.
* Worked with the Web programming language **HTML5, CSS3, XML** and selected web element by using different locators.
* Validated data and performed backend/database testing using **SQL** queries, Joins, and Functions.
* Worked with Version control and deployment using **GitHub.**
* Performed Unit, System Integration Testing, Integration Functional Testing and UAT (user) testing.
* 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**

**Description:** Shop Runner unique membership experience makes it easy for members to get everything from designer jeans to digital cameras. Members enjoy benefits like unlimited free 2-day shipping, free return shipping, member-only deals and much more.

**Responsibilities:**

* Prepared Test Plan, Test Cases, Test scripts and Test data for the application as well as for the database verification based on the functional requirements and test specs using Microsoft Testing Manager.
* Involved in testing various business rules User/Customer functionalities, and Change Processes.
* Performed Sprint level testing, Functional, Systems Integration Testing and Regression Testing.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium WebDriver** with **Java.**
* Used **Selenium Grid** to run the test in multiple browsers and Platforms.
* Involved in automating test cases using **Selenium Web Driver** with **Junit.**
* Worked with the Web programming language **HTML5, CSS3, XML** and selected web element by using Firebug and Fire Path.
* 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.**
* Created custom **JSON/XML** Assertors, for validation of **SOAP (WSDL)** and **REST API** calls, and Data Banks for storing and analyzing data input/output and error codes.
* Involved in testing Stored Procedures, Functions, Triggers and packages utilizing **SQL**.
* Involved in Backend Testing with **SQL**, checked Data Integrity and Referential Integrity.
* Proficiency in End-to-End Testing and backend validation using **SQL**.
* Strong senior QA application and system testing experience including testing automation for regression testing
* Performed scalability, load and stress testing using **Load Runner** Performance test tool.
* Performed Integration and Regression testing to check compatibility of new functionality with the existing functionalities.
* Work in the cross-platform environment (UNIX/Linux and Windows)
* Identified & organized the plan for test data, strategy and also identify the Scope of testing within the context of each Sprint.
* 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**

**Description:**

Net Atlantic is an Email Service Provider (ESP) that offers Software as a Service (SAAS) on a hosted platform, allowing clients to create, send, share, track, and manage email. It simplifies the process by providing a single login solution, and we make the process both easy to use and highly effective. Additionally, [Professional Services](https://www.netatlantic.com/services/services-overview.html) can provide your assistance with design, consulting, migration, specialized reporting, implementation, training, and deliverability. No matter what challenge is, Net Atlantic can tailor a solution that fulfills your organization's unique needs.

**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**.
* Used **Coded UI** Builder to identify the Web elements in the application.
* 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:**

* The Project is developed using agile methodology.
* Analysed and reviewed **Story Boards** to gain the overall understanding of the functionality of the application.
* Written and executed **functional test plans** for manual testing.
* 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 load testing** to determine the upper limit of all the components of application like the database, hardware, and network so that it could manage the anticipated load in future.
* **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.
* Prepared the **Test Results** document which summarizes testing activities and results.

**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:**

* Involved in analyzing user requirements for application enhancements and preparing testing specifications.
* 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
* Executed Test Scripts and analyzed the results based on the specifications.
* Extensively involved in **Regression** testing.
* 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.
* End to end testing on validating the claims functionality including data validation from source to destination tables.
* Submitted Coverage Status Report of tests performed on weekly basis.
* Involved in project meetings and interacted with other team members to resolve the problems.

**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**