**Name: Prashanth Kumar**

**Email: prashanthp1625@gmail.com**

**Phone: 320-216-2145**

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| **Professional Summary** |

* 8+ years of extensive experience in implementation of QA testing strategy for **Web based, Windows, Web Services, databases** and **Client/Server** applications using **manual testing** and **Automation testing**.
* Proficient in using test Automation tools such as **SeleniumWebDriver/RC/IDE/Grid** to develop automation testing scripts for web and client server applications.
* Process gap fit analysis with PLM application.
* PLM application training & test execution planning and mobilization.
* Facilitate, capture, and document current As-Is and To-Be business processes
* Hands-on experience on mobile testing using **emulator** and **simulator** for Android and IOS devices using **Appium and Perfecto**.
* Good experience working on **Curam** products.
* Having extensive experience in Windchill Business Administration (Workflow & Lifecycles), Upgrade, Customization/Development, Implementation, Installation, and Configuration.
* Good Experience on Windchill Query Builder, Info\*Engine and Windchill API's on Persistence Layer.
* Proficiency in writing load scripts using **Apache JMeter.**
* Expertise in using **Protractor** to handle **Angular JS**, **TestNG** and **Maven** technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Implemented functional tests using **TestNG/Junit** framework.
* Experience in analyzing **business specification** documents, designing and developing Test Plans, writing and executing Test Cases.
* Experience in **ANT**, **MAVEN** to create projects, JAR files, POM.xml with artifacts and dependencies.
* Experienced in Creating/Executing/Troubleshooting **Selenium automation** test scripts generated from test cases.
* Expertise in developing **BDD** tests using **Cucumber** by writing behavior and step definitions.
* Experienced in **Bug tracking**, reporting and using **Quality Center** (QC) and **JIRA** for global test management.
* Experienced in finding the bugsby using tools like **Bugzilla**.
* Experienced in continuous integration using **JENKINS** to support tools like **SVN**, **CVS** and **GITHUB** and also to execute **Apache ANT** and **Apache Maven**.
* Extensive experience in **Functional testing, ESB, Testing System Management, Integration testing, Regression testing, GUI testing, Back-end testing, Browser Compatibility testing, Ad-hoc testing**.
* Experienced in **ETL** environment involving **Data Stage**.
* Hands on experience in using **Visual Studio Test Tools**.
* Experienced on **.Net** Framework objects.
* Experienced in **SEE Test** for automation.
* Hands on experience in testing **Extended JS** application.
* Experience in Planning and execution of **Performance** testing for Web applications.
* Involved in **SOA testing** includes developing test scripts in manual and automated testing environments, logging and recording test results, developing test scenarios, identifying and analyzing test errors, and maintaining test scripts.
* Expertise in **Software Development Lifecycle** (SDLC) methodologies including **Agile**.
* Hands on experience in **Java**, **C#**, **Perl**, **Python** and **Ruby** scripting.
* Implemented **SOAP/REST** services using **SOAP UI** to test the web services.
* Expertise in **XML** files, **Flat** files, **CSV** files.
* Good knowledge on **Hive**, **PIG** and **Sqoop.**
* Expert in **Black Box Testing** and **White Box Testing**.
* Familiar with **OSI** and **TCP/IP**.
* Very good knowledge of SDLC models like **Iterative** Model and **V-Model**.
* Experienced in writing **SQL** queries for back-end testing and validation of data.
* Implemented **Data Driven Framework** and **Hybrid Driven** using **Web Driver**.
* Experience in Planning and execution of **Load** and **Stress tests** for Web applications.
* Excellent analytical, communication and interpersonal skills, with ability to interact with individuals at all levels.
* Actively participates to drive the team to deliver the tasks and encourages discussion to solve the problems.
* Proactive, dependable, Independent and hardworking with active thoughts.

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| **Technical Skills** |

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| **Languages** | C#, Java, HTML, XML, PL/SQL, Python, Perl, TCL, VB Script, Ruby, CSS. |
| **Automation Tools** | Selenium WebDriver, HP Quality center/ALM, Junit, .NET framework, Cucumber, TestNG, JIRA, See Test, SOAP UI, SOA, QTP, Eclipse, Protractor, Appium, Perfecto, JMeter, and GIT. |
| **Bug Tracking Tools** | HP Quality Center, IBM Rational ClearQuest, JIRA, TestDirector, TestLink, Bugzilla. |
| **Continuous Integration Tools** | Jenkins, Hudson. |
| **Development Environment** | Eclipse IDE, Visual Studio |
| **Database** | SQL Server, Oracle 11g/10g. |
| **Project Management** | Agile, Waterfall Process. |
| **Operating System** | Windows, Mac OS, UNIX, LINUX. |

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| **Professional Experience** |

**Client: Coventary Health Care, Bethesda, MD December 15 – Present**

**Role: Senior QA Engineer**

**Description:** This is an integrated Hospital Management System for a Super Specialty Hospital. This bundle is utilized to computerize the exercises of a servicing framework. This bundle contains four modules. They are Administration, Patient Care System, Health Services and Auxiliary Services. Every module is having sub modules. These sub modules will maintain storing, enrolling, registering details of patients and overall activities.

**Responsibilities:**

* Designed, developed and implemented automation test scripts in **Selenium WebDriver** and cucumber using behavior driven approach**.**
* Formulating Test Plans, Test Cases, Test Scenarios, Test Approach & Test Environment Setup using **HP ALM.**
* Application developed using Java. Involved in development Automation framework using Java, JavaScript.
* Working knowledge on CRM Telemetry application. Developed manual test scripts and automation test scripts to test the CRM application.
* Data driven Framework is used to read the test data and selenium web driver with **Junit** and **TestNG** is used for automating the test scripts.
* Used **Selenium WebDriver** for testing different browser, **Selenium Grid** for parallel test execution.
* Telerik controls used to record and playback for automation. Continuous integration and continuous deployment using **Jenkins**.
* **Jira** used to track the defects and reporting.
* Developed and deployed test Load scripts to do end to end performance testing using **LoadRunner.**
* Analyzed the test results by the Load Runner analyzer to find the bottlenecks.
* **API** **testing** involves testing APIs directly and as part of the end-to-end transactions exercised during integration testing.
* Used **IBM Curam** tool to test the front end application**.**
* Postman is used for the Web API manual testing and **SOAPUI** for automation testing.
* SOAPUI is used to test the project API which was created using RESTful web services. And to create test cases directly from the web method request.
* Created custom properties and used them as **SOAP** request. Created validations on the web method results through **X-query** assertions. And created other types of validations like schema compliance, soap fault, response time.
* **Groovy** scripting is used to create complex validation scripts.
* Performed backend testing to verify data integrity by executing **SQL** queries.
* Regression testing was performed after each build release of the application and executed the test scripts after updating the regression suites.
* Involved in running the jobs/Workflow for **ETL** process.
* Prepared and ran SQL queries to exception and error handling. Verifying the data in target database after ETL process.
* Performed column data mapping between source and target database.Data mapping and integration with SQL Server.
* Responsible for assisting various business units with **UAT** script development and conversion into QC.
* Oversees the planning of the system and acceptance tests and coordinates the execution of test cases. Captured and managed the requirement through ALM
* Done cross browser testing, with Chrome, IE, Firefox, Safari
* Responsible for reporting and tracking the issues using **HP ALM.**
* Followed **Agile** methodology, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.
* Wrote manual test scenarios and test cases based on user requirement specifications, change requests and functional specification documents.

**Environments**: Selenium Web Driver, Online portal, TestNG, Junit, Java, Javascript, Eclipse, Cucumber, Jenkins, HP ALM 12.20, SOAPUI, Postman, MS Office Suite, SQL, BDD, Data Driven Framework, HTML, Curam Products, Thunderhead DOC editor, SQL, Agile

**Client: M&T Bank, Buffalo, NY October14 – November 15**

**Role: Senior Selenium Engineer**

**Description:** outline of this bundle is to open online financial balance for the customers. They can have the capacity to transact their amount and apply another account online directly. Windows screen configuration is for the ATM cash withdraws, deposit, checking balance and to change password.

**Responsibilities:**

* Involved in writing test cases for the System Testing.
* Developed and implemented robust **MVC** pattern base testing with **Selenium RC** which cut down the script development time in half.
* Used **Java** language and **TestNG** framework for scripting.
* Integrated **Appium** with **SauceLabs** for distributing tests on the cloud, Integrated Appium with Continuous Integration tool **Jenkins**.
* Performed **Smoke, Functionality, Integration, System, Regression** tests based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Documented software bugs and wrote test reports by using **Microsoft Test Manager** and **Team Foundation Server**.
* Involved in testing **Java Script** code for picking date from calendar which is dynamic and was in minified version.
* Used **Page navigation framework** and **Page Object Design** for easy maintenance from developer’s perspective.
* Involved in mapping the requirements to the test cases in **QC**.
* Performed database validation using **SQL** queries.
* Used **SOA** to migrate from **Oracle** 10g to 11g and also developing new composites in 11g.
* Defined and maintained Queue Managers and MQ Objects for workflow notifications.
* Used SOA to develop and design several generic **BPEL** Processes.
* Involved in writing **Python** Scripts to develop automated scripts and frame works.
* Used **BDD** framework with **Cucumber**, **Java** and created future files with scenario and scenario outline files.
* Used **HP ALM** for Test Case management, Test Case executions, Defect Tracking and Reporting Test progress to the Project management teams.
* Used **agile** methodology with **Scrum** Process.
* Log defects using **JIRA** application and communicate the defect status updates to the responsible analysis and implementation teams.
* Experienced in load and performance testing tool **JMeter**.
* Used **Eclipse IDE** and TESTNG framework to develop test code in java language.
* Participated in Weekly Status meetings with project manager, Business Analyst, Developers and other team members.

**Environment:** Java**,** TestNG**,** Selenium RC, JIRA, SOA, SQL, Appium, HP ALM, Java Script, Python, Jenkins, BDD, Cucumber, JMeter, Eclipse.

**Client: Synovus Financial Corp, Columbus, GA August 13-September14**

**Role: Senior Automation Engineer**

**Description:** Synovus Financial Corp venture goal is to develop the current application from Edge Legacy System. This module predominantly holds formation of Seminars and appointments. This bundle catches the product details and for each module participants are added to whom the product will be clarified and the participation will be captured based on the close date after the presentation is made.

**Responsibilities:**

* Designed and Developed Test Cases for automated testing using **Selenium**.
* Effectively implemented different QA methodologies/policies, strategies and plans in all stages of SDLC.
* Configured and scheduled jobs in **Jenkins**.
* Performed end to end testing in the form of scripts using **C#**.
* Developed User controls, Custom controls using **Asp .NET** and C# and were effectively used.
* Conducted coding in C# , Selenium and Build Automation Framework for client services.
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s **GUI** and in the testing environment using Junit.
* Developed **ANT** Build scripts to run Sanity Test scripts developed in Selenium WebDriver.
* Performed Regression testing of applications after defects are fixed and any new functionality is implemented in to the QA. Supported the Business team for executing **UAT** test cases.
* Verified data integrity by back-end testing of the application by writing **SQL** queries.
* Developed test suites using **Ruby** at API level.
* Developed Test Frameworks in Selenium for **UI Regression Test** Automation and when necessary, and potentially execute Unit Test Automation.
* Performed unit testing using **Junit** for class, method, & web services testing.
* Performed multiple tests using **Data Driven Framework** on multiple test data.
* Uploaded test cases executed test cases and logged defects/bugs in **Quality Center/ALM**.
* Used **ESB** for handling complex details in background.
* Performed Database Change Verification testing using **SQL** queries.
* Experience in **ETL** processing in Data warehouse manually and reporting environment.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, TestNG and **Maven**.
* Played good role in test case review meetings.

**Environment:** Selenium WebDriver**,** ETL, Junit, SQL Server, C#, Visual Studio, ASP.NET, Maven, Quality Center, ESB, HTML, Java Script, Jenkins, Junit, Oracle, Windows XP.

**Client: Fodor’s Travel, Broadway, NY December12- July 13**

**Role: QTP Engineer/ Web Service Tester**

**Description:** Fodor’s Travel provides travel related services on behalf of suppliers such as hotels, airlines, package tours etc. The main function of this bundle is to act as an agent for selling travel products on behalf of suppliers.

**Responsibilities:**

* Involved in analyzing the **Business Requirements** and **Design documents** for getting better understanding of the system form technical as well as business perspective.
* Extensively used **Shared Object Repository** in **QTP**.
* Involved in writing **Test Cases** and **Test Procedures** based on the **Test Plan**.
* Performed Functionality Testing and Integration testing using **HP Quick Test Pro** (QTP).
* Developed **VB Scripts** for Regression Testing.
* Reported the bugs/defects through **JIRA**.
* Performed **User acceptance** testing in the final phase of software development process to check the functionality of the software.
* Involved in using **Quality Center** for managing the defect. Performed manual **Back-End testing** by writing **SQL** Queries for validating user information in the tables.
* Involved in the System and Integration testing, performed Positive and Negative testing.
* Performed testing by using **Hybrid Driven** Framework.
* Responsible for Setting up Web Services project using **WSDL** in **SOAP UI** and provided setup help to other team members.
* Managed & Mentored Test Automation Team using **QTP, Load Runner**.
* Performed Manual Testing of this Web application and automated it by using **QTP**.
* Execution of nightly run automated scripts.
* Identified software defects and interacted with developers to resolve them.

**Environment:** HP Quality Center, QTP, HTML, SQL, VB Script, JavaScript, SoapUI, SQL Server, XML, Oracle.

**Client: Mercury General Corporation, Los Angeles, CA October11- November 12**

**Role: Test Engineer**

**Description:** This bundle provides coverage in the form of compensation resulting from loss, damage and injury in exchange of premium payment. This bundle calculates the risk of occurrence and then determines the cost to replace the loss which helps in determining the premium amount.

**Responsibilities:**

* Involved in project planning and implemented QA methodology.
* Used **Requirements** and **Design** documents for writing **Test Cases**.
* Performed **Regression Testing** with QTP.
* Project is developed using **Waterfall** methodology.
* Created **VBScripts** using **QuickTestProfessional** for automation, also generated Test Data for automation scripts in **Excel** from QTP.
* Tested web-based application on different operating systems.
* Worked on **JIRA** for ticket management.
* Involved in writing the **Backend scripts** for QTP.
* Verified the application on difference web browser such as IE, Mozilla Firefox and Opera.
* Database Change Verification testing using **Oracle-TOAD** and **PL/SQL** queries/procedures.
* Worked on **White-Box** server-side System level test cases using **JUNIT**.
* Prepared the Test Results document which summarizes testing activities and results.

**Environment:** VBScript**,** QTP11.0, Quality Center, JIRA, Junit, AJAX, CSS, TOAD, PL/SQL, Oracle, UNIX, Windows XP.

**Client: Sree Surya Technologies, India, June 08- August 11**

**Role: Manual Tester**

**Description:** This software product can be customized for schools to retrieve and store the information from employees and make necessary changes as per their requirement. This bundle also gives the ability for the schools to generate their own reporting system according to the requirements of the school.

**Responsibilities:**

* Involved in preparing the Test Plan and Test Cases based on the **business** and **functional** specifications.
* Used **Quality Center** to develop test cases, test scripts and logging the defects.
* Involved in writing the **SQL Queries**.
* Identified the initial setup, input data, appropriate steps and the expected responses in the manual test cases.
* Prepared **Traceability Matrix** using MS Excel.
* Participated in **Integration**, **System**, and **Smoke** Testing.
* Documented the **Bug reports** and categorized them based on **severity**.
* Created end-to-end test cases to identify any potential issues and addressed issues prior to software release at each phase.
* Interacted with developers for Defect Fixes.

**Environment:** Quality Center, QTP, Manual Testing, MS Excel, SQL and Windows XP.

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| **Education:** |

Bachelor’s degree in Computer Science and Engineering (CSE),Jawaharlal Nehru Technological University, India.