**PAVAN KUMAR**

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**SUMMARY:**

* Having 8+ years of experience inSoftware Quality Assurance Testing, Manual Testing, Automated Testing in Web, Windows, Server-Client Applications and Databases/ETL in variety of Applications.
* Extensive experiencewith tools such as Selenium WebDriver,Junit/TestNG, LoadRunner, QualityCenter, JMeter, JIRA, Rally, HPUFT / QTP and SOAPUI.
* Highly Experienced in Automated Software Testing using **QTP, SoapUI, HP/ALM/Quality Center and Selenium webservices**
* Automated test cases using **Ranorex** to elaborate data-driven tests, excluding XML data format, by means of this tool
* Expertise in **Manual Testing**, **Automation Testing** and Service Oriented Architecture**(SOA)**
* **Expertise**in **analyzing** and reviewing the Software Requirements Specification documents **[SRS],**Business Requirements Document **[BRD],** creating and developing Test Plans.
* Highly Experienced in developing Test cases and Test Scripts and interacting with development team
* Solid experience in **Agile** and **Waterfall** Software Development Models
* Experience in Functional automation tool **QTP** and Load & Performance testing tool **LoadRunner**
* Qualified Experience in  **Software Development Life Cycle (SDLC), Bug life Cycle**
* Hands on involvement in Test mechanization utilizing diverse Automation instruments/methods.
* performed unit testing on python scripts by using**pyUnit**
* Performed **End to End** automation testing by using **Protractor** tool for **AngularJS Applications**
* Executedsoftware development process using **TDD**(**Test-driven development) and BDD(Behavioral Driven Development)**
* Acquired training in **ServiceNow**platform to implement HR tools to manage activities such as Annual Compensation Reviews, maintaining employee profiles and workflows related to changes in profile such as Department transfers
* Developed and performed acceptance testing on **Fitness tool**
* Experienced in writing parsing scripts using **Python** and **PowerShell** for **xml** validation and verification
* **Performed REST API Automation by using SOAPUI** in both open source and Pro version.
* Experience with Mobile App and Hybrid App testing in both **IOS and Android** in testing native appson **iPhone, Android and iPod** devices manually
* Automation Framework implementation for QTP
* Good skills in different programming languages like **java, javascript, HTML, python, Ruby** and databases like **SQL server** and **ORACLE**
* Involved in various functional testing methods like, **Python, negative testing, compatibility testing, Black Box testing** and **Recovery testing**
* Logging and prioritizing defects using defect tracking tools like **JIRA, TFS, HP QC/ALM, Bugzilla**
* Performed Testing of database applications developed with **Oracle, Sybase and SQL Server**
* Hands on involvement in Quality Assurance including Functional, System, Smoke, Regression, Integration, User Acceptance Test (UAT) and Compatibility Testing of Web and Client server based applications
* Having good knowledge in version control software’s like **GIT** and **SVN**
* Extensive involvement in testing Web applications and Thick Client applications
* Worked intimately with Business Analyst for Requirements Study and create SQL Scripts for end - end process approval
* Prior involvement in investigating and providing details regarding execution measurements and test outcomes
* Ability to associate with end clients, additionally fast learner and cooperative person with great relational abilities
* Excellent explanatory and critical thinking aptitudes with the capacity to investigate with solid oral and composed relational abilities
* Adept specialized aptitudes in execution testing in the space of Gaming, Social Networking, Healthcare/Insurance, Banking Industries
* Worked collaboratively and cross-functionally as part of a team as well as independently
* Good communication skills and have sensible experience with team environment.

**SKILLS:**

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| **Testing Tools** | **Selenium Web Driver/IDE/GRID**, Mercury QTP, HP Quality Center, JUnit, Jmeter, PyUnit**Cucumber**, **Firebug, FirePath, TestNG, Web services, JXL,** Fitnesse, **SOAPUI, Coded UI, Appium, iTKO LISA,** Microsoft Visual Studio, Android Studio, ETL |
| **Language/ Script** | **Java, JavaScript, Shell Script, Unix, Linux, VBScript (UFT),C, C#, Python, HTML, AngularJS, XML PowerShell Script.** |
| **Frameworks** | Junit, TestNG, **TDD**, Python, Data Driven, Keyword Driven, **Hybrid Frameworks**, protractor, JBehave, **ATF** (Automation Test Framework), Page Object Model, Modular Framework, Back-end database testing using SQL |
| **Firefox Add-ons** | XPath, Firebug |
| **Languages** | HTML, VB Scripts, XML, CSS, Flash, **JavaScript**, Ruby, Perl, Python. |
| **SOA Technologies** | **SOAP, REST, WSDL, UDDI, Web Services, SOAP UI** |
| **Bug tools** | HP Quality Center, **BugZilla**, Visual Studio TFS, **JIRA**, Bamboo |
| **Build/ CI Tools** | **Ant, Maven, Jenkin, Jenkins**, Hudson |
| **Methodologies** | **Agile/Scrum**, **Waterfall** |
| **Platforms** | Windows 7/Vista/XP, UNIX, **Linux** |
| **TestingFs** | Integration, Functional, Regression, Performance and Load Testing, Manual, Black Box and White Box testing |
| **Operating System** | Windows 2003/XP/NT/98/95, UNIX, Linux |

**WORK EXPERIENCE:**

**Client:** Lincoln Financial Group**, Philadelphia, PA June 2015-Till Date**

**Role: Sr. Lead Automation Engineer /Analyst**

Lincoln National Corporation is an American holding company, which operates multiple insurance and investment management businesses through subsidiary companies.

**Responsibilities:**

* Analyzed the Business Requirements Document (BRD), developed Test cases and Test scripts for the application under test. Actively participated and Interacted with product management teams in the review and analysis of functional requirements.
* Involved in testing of application using the **Scrum (Agile**) methodology
* Planning for different phases of testing which includes Functional, Integration and System testing
* Involved as a key member to define the test strategy to the Product Owner and Scrum master regularly and also effectively updating the team of any changes
* Implemented automation using Selenium **WebDriver, JAVA,TesTNG, Selenium Grid** and **Maven**
* Converted acceptance Criteria to automated tests using**Cucumber**
* Worked on **JCL Utility** and **Crystal Reports**
* Experience Tester in Agile Development Environment Using **TDD** and **ATDD** approach
* Wrote and executed complex SQL queries including JOINS to validate Back-end data.
* **QTP, HP ALM, QC** and **Automated functional testing**are used to Developed Data Driven Tests
* Involved in validating Sanity, functional, Integration and Regression test suites using **Selenium** and the request and response of the Web Services (SOA) through **SOAP UI**.
* Used **Protractor** which works in conjunction with Selenium to provide an automated test infrastructure that can simulate a user’s interaction with an Angular application running in a **browser or mobile device**
* Composed an Audio Seek stress test in our exclusive Automation application utilizing **C++** as a part of **Eclipse** to help with dependably imitating a sound crackle issue. Examined **Appium** with **Python** to computerize tests on Android stages. Experienced at work preparing on **Ruby on Rails**
* Used Android Debug Bridge (ADB) command to track bugs, reported to developer via **Bugzilla** software and verified reproducible
* Wrote complex **SQL Queries** to validate the integrity of the **database** and tested database tables data
* Executing complex SQL queries including **JOINS** to validate Back-end data
* Used **BDD** framework with **cucumbe**r to develop scenarios by using java Conducted E2E manual and automation tests for all environments using Cucumber (BDD), **Ruby**, **Selenium IDE/RC**, and Selenium Web driver **Java UFO framework**
* Create test plans, test strategy, test suite, test cases, test data for automated testing using **Microsoft Test Manager(MTM**) and Visual Studio 2010 Setup Lab Management
* Conducted **Mobile Testing** in different platforms like **Android** and **IOS**
* Configured**Jenkins** with **Selenium Grid** to perform multiple browsers parallel testing on multiple different computers
* Lead and develop test plan for offshore teams and attended develop test cases and reported the bugs
* Involved in project meetings and highly interact with project members in order to solve problems.

**Environment:** Quality Center, Eclipse, Cucumber, TestNG, JIRA, ATU,QTP 10,C#,ASP.NET, BOE Crystal Reports, JCL Utility, Appium, python, Oracle, BDD, MS Office, HTML, Windows XP/Vista, Internet Explorer 6.0,Maven, Linux, SQL

**Client: SunGard Data Systems Inc, Wayne, PA April 2014-May 2015**

**Role: Sr. QA Tester/Analyst**

SunGard is an American multinational company based in Wayne, Pennsylvania, which provides software and services to education, financial services, and public sector organizations.

**Responsibilities:**

* Performed testing of SDS.com homepages and landing Pages in Adobe CQ-Content Management System.
* Involved in all stages of testing life cycle, Test Driven Development methodologies, Software Development Life cycle **(SDLC)** using Waterfall, Agile methodologies
* designed **Smoke Testing** plan to ensure project’s basic functionalities before proceeding further
* Automate new business processes in**QTP**using **VB Script**
* Create custom actions using **VBscript**
* **Lisa Suites**and **SOAP UI** Parameterize its tag values to cover the different scenarios using **Input XML**
* **JENKIN** tool is used for integration of Test Scripts In **JAVA**
* Involved in testing of **XML** by validating data content of **XML files**
* Used **Modular Framework design** with Loose Coupling of all the modules prior to **Linear Approach**
* Extensive experience in client server and web based application testing including Java **API Testing**, manual and automated software testing techniques
* Performed **web services** testing using **RESTful** and did lightweight data-interchange using **JSON**
* **Protractor**is used to, an end to end test runner which simulates user interactions that will help you verify the condition of your **Angular JS application**
* Made software defects reproducible and enter them into bug tracking systems such as **Jira** and **BugZilla**
* Utilized **WSDL**, **XSD** and **XML** inspectors to verify WSDL, schema and message content with **SOAP UI**
* Very good experience in Accessibility testing, used to test the application by different roles so as to test the access to different kinds of users for different modules/links in the application
* Worked on **Selenium** GUI Object / element verification is done through **XPath**, **CSS Locators**
* Conducted Automation Test cases using **Selenium Web Driver, Junit and Ant**
* Performed load testing to expose the defects in application related to buffer overflow, memory leaks and mismanagement of memory
* Implemented open source web test tool **Selenium WebDriver** for cross browser and cross platform web testing
* Coordination with BA's, project stake holders to identify and mitigate risks.
* Very good Experience in wide range of **Mobile handset** of different vendors which includes Windows, HTC, LG, IPhone and many more.
* Tested large volume databases by using stored procedures

**Environment:** QTP10, SOAP UI, Quality Center 10, Ruby, Selenium,ASP.NET, Oracle, TOAD, UNIX,Junit and Ant**,** MS Office, HTML, Monkey, Ranorex, Windows XP/Vista, Internet Explorer 6.0, Eclipse, Mockito, Agile Methodology.

**Client:** [**Syniverse HoldingsInc**](http://www.idc.com/)**, Tampa, FL June 2013- March2014**

**Role: Lead Automation/SOA Tester**

Syniverse is a worldwide organization that gives innovation and business administrations to various information transfers organizations and additionally an assortment of other multinational undertakings. **Responsibilities:**

* Performed Software Development Life Cycle (SDLC), development methodologies like **RUP, AGILE,SCRUM, WATERFALL, SPRIRAL** and Project Management activities.
* Modified and reviewed test cases for new methodologies
* **Leading** testing team of 6 testers.
* Configured Selenium WebDriver and made Selenium computerization scripts in java utilizing **TestNG** preceding dexterous discharge
* Extensively performed operations on multiple browser by using Selenium Grid
* Performed **Selenium web Driver Testing** with different languages like **Java, C Sharp, Python, Ruby and Perl**
* Had good knowledge of **cucumber** while working on project, **Cucumber** is used to test code written in any languages which is sophisticate to write on **java** And **Ruby**
* **J Behave** project for automatic acceptance testing. It helps make tests easier to read and write naturally
* Worked on distributed test automation execution on different environment as part of **Continuous Integration Process using Selenium Grid and Jenkins**
* Written **VB Scripts** and created reusable functions
* Implemented **Regression and Smoke tests execution** as separate step of deployment process by using **WebDriver**
* Data-Driven testing by developing Java based library to read test data from Excel & Properties files
* Extensively used **Selenium (XPath and CSS locators)** to test the web application
* Used SOAP UI tool to test SOA based architecture application to test **SOAP services & REST API. Used Page Object Model, UI Mapping, Selenium Manager, Data Driven using CSV, CSS Selectors as a part of Framework**
* Performed **SOA / web services testing using SOAP UI,** wrote adaptors to test / invoke web services
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex SQL queries from oracle database
* Functional and Cross Browser testing of Defined Browser Stack of the site experience Defect Triaging and Release sign off for Continuous Delivery cycles
* Experience in working cross functional teams and maintained good communication skills

**Environment:** QTP10,SoapUI, Quality Center 10, C#, ASP.NET, Monkey-Talk, IOS, Android, Oracle, TOAD, UNIX, MS Office, HTML, Windows XP/Vista, Internet Explorer 6.0.

**Client: Travel port, Parsippany, NJ Sep 2012- May 2013**

**Role: Selenium Engineering /SOA Tester**

Global travel services company that operates in 160 countries; divisions include Travel port GDS (one of the world’s largest global distribution systems) providers, GTA (world leader in ground travel products & services) & IT Services & Software

**Responsibilities:**

* Involved in developing **cucumber Scripts**
* Performed Web Service, Functional and Performance testing using **LISA**.
* Developed **manual and automated** test casesto test the functionality of the application.
* Developed **QTP/UFT** scripts with object model and description programming, and handled dynamic objects using VB-script and regular expression in **QTP/UFT**.
* **ALM**is used to develop **Test plans** and **Traceability Matrix**.
* Developed and executed test cases for integration,
* system and regression testing throughout the software development life cycle
* Reported daily Test Summary on the basis of **functionality Testing**
* Expertise in **Black box Testing**, attended key planning sessions to understand the application functionalities, dependencies and workflows.
* Participated in daily, weekly meetings and technical reviews and Prepared reports
* Participated in **Test Case review** and Test case sign off meetings
* Performed end-to-end testing of application and also verified compliance for software quality standards of the organization

**Environment:** QTP 9, Quality center 9.0, Windows, Linux, Java, Tomcat, XML, HTML, Oracle**.**

**Client: Genworth Financial, Inc , Richmond, VA December 2011-August 2012**

**Role: QA Automation and Manual Tester**

Company that offers life insurance, long term care insurance, annuities, investment services, mortgage insurance, employee benefits, and Medicare supplement products; based in Richmond, Virginia.

The position is responsible for preparing test plans and acceptance criteria, conduct Unit, Integration and System level software testing,evaluate test results and work with developers to remedy defects..

**Responsibilities:**

* Responsible for developing scripts in **new test cases**
* Analyzed and distinguished the Test cases in view of necessity report of the application
* Reviewing and changing the Test cases for Test situations
* Performed different sorts of testing like Functional Testing, Integration Testing, Regression
* Testing, System Testing and Compatibility Testing
* Wrote **VBScripts** for **Black Box** and **WhiteBox Testing**
* Performed Unit Testing with **JASMINE**
* Developed  **automated test scripts** for Regressiontesting using **QTP**, and maintained **parameterizing** QTP Scripts
* Created checkpoints to validate physical properties of objects on different builds for Regression Tests using **QTP**
* Involved as a m-ajor aspect of computerization group utilizing **QTP**, created test scripts
* Prepared the new releases summary documentation for test results
* Preparing and executing Test cases, Review test cases and Defect Reporting
* Prepared Defect Report according to seriousness and Priority
* Designed Test cases and executed Test cases and reported the Bugs utilizing **Quality Center**
* Analyzed Test determinations and composed Manual Test cases for Black Box Testing
* Involved in Defect Reporting Meetings regularly
* Involved in venture gatherings and Interacted with other colleagues keeping in mind the end goal
* to determine the issues
* Performed Regression Test execution taking into account the need of the Test cases in Mercury Quality Center

Environment: JAVA, JSP, WebLogic, HTML, SQL Server 2005, and Windows 2003, Testing Tools: QTP 8.2, Mercury Quality Center 9

**Client: LANCO Group, Hyderabad, India Aug 2008– Oct 2011**

**Role: Manual Tester**

Business group, based in Hyderabad, involved in power generation & trading, property development, IT, engineering and construction, and manufacturing sectors through LANCO Kondapalli Power Pvt Ltd, LGS Ltd, and LANCO Infratech Ltd etc.

**Responsibilities:**

* Reviewed Business necessities, IT Design records and arranged Test Plans for all appointed undertaking discharges
* Analyzed Business Requirements, Functional Specifications and created Test Plan point by point Test Scenarios, Test Strategies and Test cases.
* Participated in testing the full usefulness of **POS** (Point Of Sale framework) from **end to end**.
* Developed **QTP, VB Test scripts** for front end Automation Testing
* Developed techniques taking into account **Test Cases for new Functional**ities to alter issues.
* Developed and directed framework and client acknowledgment test anticipates finishing of framework testing before establishment of the application on client environment. Included in checking the functionalities of the considerable number of modules physically, and reported the broken connections after **Manual Testing**.
* Performed Front and **Backend Database testing** in **Oracle** utilizing **SQL**
* Attended training in LISA test tool for development of UI test scripts, then extended my work in Performing Web Service, Functional and Performance testing using LISA.
* Manually performed usefulness testing of the application to ensure the application carries on according to the business procedure
* Ensure that all the experiments are upgraded in the Test Director alongside Master test arrangement

**Environment**:QTP 8.2, Test Director 8.2, Oracle9i, J2EE, TOAD, SQL, J2EE, XML, JSP, Windows XP, UNIX and Visual Source Safe

**EDUCATION:**

Bachelor of Technology in Computer Science **JNTU University, 2008**