**Harish Kumar**

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**Professional Summary:**

* Overall 7 years of extensive experience in Analyzing, Designing and Implementation of QA testing for Web based and Client/Server applications using manual testing and Automation testing.
* Experience in **HealthCare Industry**, experienced in testing different healthcare ERP solutions such as FACETS, MedPlus, EPIC and other claim processing solutions.
* Experience in analyzing business specification documents, designing and developing Test Cases, Test Scenarios, Test Scripts and Test reports of manual and automated tests.
* Experience with Automated Testing tools such as **Selenium-RC, WebDriver and Selenium Grid.**
* Expertise in writing Test strategy, Test Plan Preparation and Implementation, Test Case Design, Test Tool usage, Test execution, Defect Management and Defect Tracking.
* Expertise in **Software Development Life Cycle (SDLC**) methodologies including **Agile and Waterfall.**
* Proficient in using **HP Application Life Management(ALM)/Quality Centre, Rally, JIRA, Clear Quest, Bugzilla.**
* Good experience on **Selenium Automation** using **WebDriver and Server**. Heavy programming using **Java, Junit, TestNG**.
* Expertise in Web-service testing using **SOAP UI.**
* Experience in Planning and execution of **Performance, Load** and **Stress Tests for Web applications.**
* Worked on multiple projects and extensively involved in **User acceptance testing (UAT), End to End, System Integration Testing (SIT), Functional Testing, Regression Testing, Validation Testing, Backend Testing, Ad-hoc Testing, Black Box Testing, Performance Testing, Batch Process Testing** and **Cross-Browser testing.**
* Experience understanding the code written in different programming languages VB Script, Java Script and databases like **SQL Server.**
* Good experience in mobile testing using **APPIUM** in both IOS and Android applications using simulator and emulator.
* Expertise of testing the application developed using various mobile technologies including J2ME, Blackberry, Android, IOS, Symbian, .Net Technology etc.
* Expert in **Black Box Testing** and also involved in **White Box Testing**.
* Programming experience with C#, java, Microsoft Technologies like **VB**, **VC++**, and **SQL Server**.
* Extensive experience with Microsoft Office tools (MS-Word, PowerPoint, Excel and Access).
* Excellent knowledge in writing unique **XPath** using **Firebug and Fire Path** to identify **web elements**.
* Proficient in writing **SQL Queries** and develop stored procedures.
* Experience in designing Data Warehouse databases, dimensional and normalized data designs as appropriate for enterprise-wide solutions. Developed a multi-year Enterprise Data Architecture Strategy.
* Certification and sign off of products and ensuring quality of products and projects to verify QA Entrance and Exit criteria are met.
* Proficient in analysing system requirements, use cases and other documents to gain overall understanding of the applications to determine the appropriate level of testing required and creating Test plans/ Test Strategy and test cases based on requirements.
* Done automation testing using automation tools **Selenium, QTP, Manual testing, Backend Testing** and creating automation testing environment.
* Experience in understanding the code written in different programming languages like **Java, Java Script, Python, SQL and databases like oracle and SQL server.**
* Proficient in Bug **Severity analysis, Bug tracking system and Bug Reporting.** Can prioritize issues on the basis of important, urgent and hot fixes and Proficient in Tracking and Reporting defects using Industry and Internal tracking tools like **HP Application Life Management (ALM)/Quality Centre, Jira and Bugzilla.**
* Good Experience in managing direct implementation team and offshore implementation teams.
* Able to quickly learn new technologies think creatively and solve problems in a team environment.

**Technical Skills:**

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| **Testing tools** | Selenium Suite (Selenium IDE, RC, Grid and WebDriver), HP ALM, Junit, TestNG, JIRA, SOAP UI, QTP, Appium, Manual Testing. |
| **Web Technologies** | HTML, DHTML, CSS, XML, XSD, XSL, XSLT. |
| **Defect Tracking Tools** | HP ALM (12), Jira, Team Foundation Server (TFS 2008, 2010, 2012). |
| **Languages** | C, C++, Java, C#, SQL, PL/SQL. |
| **Development Environment** | Eclipse IDE |
| **Project Management** | Microsoft Project, Microsoft Office (Word, Excel), Microsoft PowerPoint, MS Access, Agile & Waterfall |
| **Web Debugging Tool** | XPath, Fire Path, Firebug, Web debugger |
| **SDLC Processes** | Agile-Scrum, Waterfall, V Model |
| **Browsers** | Internet Explorer, Firefox, Chrome & Safari |
| **Operating Systems** | Windows XP, 7, 8 & server 2003, UNIX and LINUX. |

**Professional Experience:**

**Client: Stage Store Inc. – Houston, TX Dec 2015 - Present**

**Role:** **Senior Selenium Engineer/Mobile Tester**

**Description:** Stage Stores, Inc. is a department store company specializing in retailing brand name apparel, accessories, cosmetics, footwear and housewares to small towns and communities throughout the United States. Stage Stores operates more than 855 stores in 40 states under the Bealls, Palais Royal, Peebles, Stage, and Goody's nameplates. Reviewed project artifacts, analyzed Requirements, designed the test plan and provided weekly status report that includes testing metrics, test logs and test summary reports.

**Responsibilities:**

* Analyzed Business Requirements Documents to get better understanding of the system both on technical and business perspectives.
* Worked in the **Agile** environment with frequently changing requirements and features set.
* Prepared **Test Plans, Test Scripts and Test Cases** based on functional specifications and user requirements.
* Developed and maintained automated regression test cases in **Selenium WebDriver** using **Java programming language** and **Junit Framework**.
* Performed Data driven testing using **Selenium WebDriver, Junit functions and JDBC Connections** which reads data from scripts using property and XML files.
* Configured Selenium WebDriver, **TestNG**, Maven tool and created Selenium automation scripts in java using **JUnit** prior to agile release.
* Developed test code in Java language using **Eclipse IDE and Junit** framework.
* Used **Java** language and **Junit** framework for scripting.
* Implemented Page Object Model Automation framework with **Java, Selenium WebDriver** and **Cucumber.**
* Implemented simulator for Mobile App Testing in Android Platform using **Appium.**
* Involved in integrating the test suites to **Jenkins** to execute them automatically after every successful deployment.
* Integrated **Appium** with **SauceLabs** for distributing tests on the cloud, Integrated **Appium** with Continuous Integration tool- **Jenkins**.
* Designed test cases based on the use-cases and the complex business logic defined for each **web-service or a message.**
* Experienced in load and performance testing tool **JMeter**.
* Designed and Developed **UAT Regression** automation script and Automation of functional **Testing Framework** for all modules using **Selenium and WebDriver**.
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Created Data Driven scripts for adding multiple customers, checking online accounts, user interface validations, reports management, etc.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
* Utilized various test tools for automation of test cases Generate test reports and performed extensive **Web Services Testing using SOAP UI.**
* Used **SOAP UI tool** to test SOA based architecture application to test **SOAP services** and **REST API.**
* Performed **Smoke, Functionality, Integration, System, Regression tests** based on Analysis, and understanding of the requirements, non-functional specifications, and end-user needs.
* Prepared **Test Cases, Test Data** and **Test responsibility matrices** for the application under test.
* Executed Test Cases recorded in **HP Quality Center** manually to test the application for its functionality, system integration and verify the Exit Criteria.
* As part of compatibility testing, executed the workflow manager web application related test cases on different browsers different Operating Systems.
* Implemented and worked on **Acceptance Test Driven Development** (ATDD) **agile** methodologies completing releases ahead of schedule.
* Performed **Back-End Testing, database table manipulations** of relational database systems by writing complex **SQL queries manually**.
* Actively participated in walk-through, inspection, review and user group meetings for quality assurance with BAs, SMEs and Developers.

**Environment:** *Selenium, WebDriver, Jenkins, Cucumber, SOAP UI, Junit, TestNG, JMeter, Manual Testing, Java, Appium, Firepath, Firebug, Eclipse, XPATH, JSP, JavaScript, MySQL, QC, Quality Center.*

**Client: Edward Jones Investment - St. Louis, MO Sep 2014 – Nov 2015**

**Role:** **Senior Selenium Engineer**

**Description:** Edward Jones serves nearly 7 million investors from more offices than any other investment firm in America. They have consistently been ranked among the best companies to work for by FORTUNE magazine. Analyze business requirements, Software requirement specifications to create test plan and test cases for manual and automation testing using Selenium Web Driver, JUnit.

**Responsibilities:**

* Utilized **HP Quality Center** (HP QC) as a bug tracking system.
* Delivered overall Test Summary reports from the **Quality Center** (QC).
* Developed and maintained **automated regression test cases** in **Selenium WebDriver using Java programming language and Junit Framework**.
* Developed and implemented robust MVC pattern base testing with **Selenium RC** which cut down the script development time in half.
* Developed **BDD** tests using **Cucumber** by writing behaviour and step definitions & developed required **Selenium** support code in **JAVA** for **Cucumber.**
* Involved in automating test cases using **Selenium RC** with **Junit**.
* Designed and Developed **UAT Regression** automation script and Automation of functional **testing framework** for all modules using **Selenium and WebDriver**.
* Wrote and executed automated test cases using **Selenium RC** to automate manual testing solutions.
* Developed automated script for back-end testing using **Selenium RC.**
* Performed cross browser functional testing using **Selenium RC.**
* Responsible in executing **Selenium RC** test scripts on different browsers and checked for compatibility.
* Used **Appium** for Native and Hybrid App testing.
* Effectively participated in every day agile scrum stand-up meetings and participated in Iteration planning and retrospective meetings.
* Performed the Mobile Testing for Mobile App of Client, identify the Mobile Platform like IOS, Android by using **Appium.**
* Involved in automation scripting using Coded UI, C#, MTM.
* Testing Mobile app on cloud devices using Device Anywhere.
* Involved in testing of services using **SOAP/REST** services using **SOAP UI**, **Groovy Script**.
* Performed data driven testing by using **JDBC** and **Groovy script** as a data source in **SOAP UI** and configured **SQL** queries to fetch data from the Oracle database.
* Involved in mapping the requirements to the test cases in QC.
* Documented software bugs and wrote test reports by using Microsoft Test Manager and Team Foundation Server
* Performed database validation using **SQL** queries
* Involved in performing the web services testing with **SOAP UI** by validating request and response for **XML.**

**Environment:** *Selenium RC, C#, SQL, HTML, Selenium WebDriver, Cucumber, Appium, Junit, SOAP/Rest, Groovy Script, Quality Center, JIRA, VBScript, HTML, MSWord, MS Excel, UNIX.*

**Client: Emigrant Bank – New York, NY Mar 2013 – Aug 2014**

**Role: Automation Engineer**

**Description:** Emigrant Savings Bank is a private American financial institution, it is the oldest savings bank in New York City and the ninth-largest privately owned bank in America. It has several online-only divisions that offer high yield savings accounts, including Emigrant Direct, Dollar Savings Direct and their latest offering, My Savings Direct. My role was to Design, document, manage and execute test cases, sets, and suites. Work in cross-functional project teams that include Development, Marketing, Usability, Software Quality Assurance, Customer Learning, and Support.

**Responsibilities:**

* Developed complex **SQL** queries for data validation and data verification based on data mapping document.
* Developed Test Frameworks in **Selenium** for UI Regression Test Automation and when necessary, and potentially execute **Unit Test Automation** (**Java / Junit).**
* Identified appropriate test data in relevant source systems and incorporated this data into test scripts.
* Used **Selenium WebDriver API** to automate tests on **cross browser** and **cross platform** environment.
* Worked on **Selenium** for creating and executing test cases for functionality testing of a web app.
* Involved in defining test automation strategy and test scenarios, created automated test cases, test plans and executed tests using **Selenium RC**.
* Experienced in testing different source feeds of data for **ETL** and prepared mock data for ETL.
* Performed verification, validation and transformations on the source data before loading into target database selenium.
* Prepared the Test Results document which summarizes testing activities and results.
* Project is developed using **waterfall methodology**.
* Performed Manual Functional testing with QC and ensures that the existing functionality is working properly by performing regression testing with **QTP Scripts.**
* Performed **Integration Testing** and **Batch Testing** in **QTP.**
* Involved in creating the Data Base Scripts.
* Executed and scheduled the automation test scripts from **Quality Center.**
* Involved in **User Acceptance Testing (UAT)** to develop the application.

**Environment:** *Selenium, QTP10, UAT, Quality Center 10, SQL Server, TOAD, UNIX, HTML, VB Script.*

**Client: McKesson Corporation – San Francisco, CA Sep 2011- Feb 2013**

**Role: Quality Analyst**

**Description:** As the oldest and largest health care services company in the nation, McKesson plays an integral role in health care and has a unique vision for its future. It serves more than 50% of American hospitals, 20% of physicians and 100% of health plans, and as the largest pharmaceutical distributor in North America, it delivers one-third of all medications used every day. Worked on Login Functionality, Finding Doctor, Insurance Plans, For Member, For Providers. Worked on Insurance Plans and Policy’s and testing each functionality in the website working properly. Solving Customer Issues.

**Responsibilities:**

* Analyzed the user requirements by interacting with system architect, developers and business users.
* Used **Selenium Grid** to test the compatibility of the tests across multiple servers to save time.
* Suggested improvements in test process by gathering and analyzing data.
* Reviewed and analyzed Detail Designed Specification and Technical Specification documents.
* Analyzed the **SRS (System Requirement Specifications)** and developed **Test Suites** to cover the overall quality assurance testing.
* Implemented **Selenium Grid** to run Regression Tests on multiple platforms and browsers in parallel.
* Used **Selenium IDE** for testing various web applications.
* Involved in complete **QA Life Cycles**.
* Prepared Test Cases with the complete description of requirements, uploaded test cases and report results into **HP Quality Center**.
* During testing life cycle, performed different types of testing like System Testing, Integration Testing and Regression Testing.
* Performed Defect tracking in **HP Quality Center.** Defects were linked via traceability to specific test case.
* Participated in QA Team meetings and weekly QA testing reviews.

**Environment:** *Selenium RC/IDE/Grid, HP Quality Centre, Java, HTML, Java Script, Oracle, VSS, Windows, Team Foundation Server.*

**Client: Kotak Mahindra Bank – Hyderabad, India Oct 2010 – Aug 2011**

**Role: Manual and QTP Test Engineer**

**Description:** Kotak Bank offers a wide range of banking products and financial services for corporate and retail customers through a variety of delivery channels and specialized subsidiaries in the areas of personal finance, investment banking, life insurance, and wealth management. My role is to analyze system requirements and develop detailed test plan and test cases for testing. Prepare the test plans and write the test cases based on functional requirements.

**Responsibilities:**

* Performed Positive and Negative testing by inputting valid and invalid data.
* Involved in writing the Backend scripts like **QTP.**
* Project is developed using **waterfall methodology**.
* Extensively used **QTP** integrated environment like Data Table, Actions, and Recovery scenarios.
* Developed **QTP scripts** for various reports.
* Performed Manual Functional testing with QC and Involved in **User Acceptance Testing (UAT)** of the application.
* Performed Functionality Testing and Integration testing using **HP Quick Test Pro (QTP).**
* Created scripts to create new tables, views, queries for new enhancement in the application using **TOAD**.
* Experience in implementing Quality processes in **Waterfall** methodology.
* Maintaining the Core application Library, Driver function library and Report Library.
* Enhancing the existing framework.
* Effort estimation for the upcoming phases.

**Environment:** *QTP/UFT, HP Quality Center, QTP, TOAD, VB Script, SQL, MS Office*

**Client: Life Insurance Corporation of India – Hyderabad, India July 2009 - Sep 2010**

**Role: Manual Tester**

**Description:** Life Insurance Corporation of India (LIC) is an Indian state-owned insurance group and investment company headquartered in Mumbai. It is the largest insurance company in India with an estimated asset value of ₹1,560,482 crore (US$230 billion).My role is to evaluate user problems and issues with software performance. Created and managed requirements in Quality Center. Evaluated, modified and enhanced the existing quality methods and processes according to QA methodology.

**Responsibilities:**

* Test requirements gathering, Designing **Test cases** and **Test plan**.
* Identified the initial setup, input data, appropriate steps and the expected responses in the manual test cases.
* Involved in writing the **SQL Queries.**
* Analyzed test specifications and converted them into **Manual Test Cases**.
* Participated in **Integration, System** and **Smoke Testing.**
* Attended **Weekly Status Meetings**, discussed and interacted with team members.
* Performed End to End Testing and involved in **User Acceptance Testing.**
* Worked on **SQL** statements in checking the validity of the **Backend**.
* Used **HP Quality Center** as a defect tracking tool.
* Analyzed test specifications and converted them into **Manual Test Cases.**
* Implemented **waterfall** methodology.

**Environment:** *Quality Center, Manual testing, UAT, MS SQL Server, SQL, MS Office.*

**Educational Qualifications:**

Bachelor of Technology from JNTU, Hyderabad, India.