**Keerthi Sandupatla**

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**Professional Summary**:

Having 8 plus years of experience in **Manual** and **Automation** testing for various web-based applications in the **Healthcare** Domain, **Tax** domain, **IT Services** and had experience in giving **training** on selenium and Java.

* Having experience in developing Selenium scripts with **Selenium** **Web** **driver** using **TestNG** Framework in **POM** model.
* Had experience with **BDD** development framework using **Cucumber**.
* Having experience in building the **Data driven** and **Hybrid** driven Test Automation framework.
* Had experience in developing the scripts in **Protractor** with **jasmine** framework using JavaScript language.
* Had good experience in handling the Desktop, Web, Flex and flash objects with **Sikuli**.
* Had experience with build tools such as **Maven** and version control tools such as **GitHub**, **SVN** and **TFS**.
* Having experience in **Functional Testing, System Testing, Regression Testing, Smoke Testing, Compatibility Testing, and Cross browser testing**.
* Had sound knowledge on TestNG framework, Maven for Project building tool, **Jenkins** for Continuous Integration
* Experience in designing test cases, covering all test conditions and eliminating redundancy and duplications with Black box testing techniques like **Equivalence partitioning** and **Boundary value analysis** etc.
* Experienced in Software Development Life Cycle (**SDLC**), Software Testing Life Cycle (**STLC**), Defect Life Cycle (**DLC**), **Agile Process** (Scrum Methodology).
* Experience in **CI/CD process** using Jenkins for Continuous Delivery and Continuous Integration for Smoke testing and Regression testing of the builds.
* Having knowledge in writing and execution of **SQL** statements.
* Having good knowledge in **Python** programming language.
* Experienced in Defect Management Tracking like **JIRA** and **QC**.
* Experienced in testing Web Services using **Postman**.
* Experienced in testing the **mobile** **application**.
* Followed Agile Methodologies, participated in daily Scrum meetings and testing each **Sprint/Kanban** deliverables.
* Ability to learn and adapt to new tools and technologies very quickly.
* Ability to work independently or as a team in a fast-paced environment with tight deadlines and changing priorities.

**Education**:

* Bachelor of Technology from Jawaharlal Nehru Technological University (JNTU) in 2012.

**Technical Skills**:

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| Operating Systems | Windows 10,8/7XP/2000/98. |
| Programming languages | C, C++, Core Java, Python, Java Script  |
| Database | RDBMS, SQL |
| Testing Tools | HP ALM, Selenium Web driver, Protractor, Postman |
| Bug Tracking Tools | Quality Center, JIRA. |
| Integration Tool | Jenkins |
| Source Control Tool | Git, TFS, SVN. |

**Professional Experience:**

**UnitedHealth Group April 2019 – Present**

Sr. QA Analyst

Guiding care provides patient-centric and customizable population care management solutions for health plans and providers. The product helps streamline clinical and administrative processes, improve patient outcomes and reduce avoidable healthcare costs.

**Roles and Responsibilities**:

* Implemented Data Driven with Page Object Model automation framework with Selenium Web Driver and Java.
* Analyzed functional requirements and design specifications to ensure that application meets all technical and business requirements.
* Involved in peer review meetings.
* Handled the special mouse events and selected the options from the tab menu using Selenium Actions Builder, Mouse Hover and Synchronization.
* Performed Parallel and Cross Browser testing on different browsers using Testing where multiple tests were run in parallel.
* Performed User Acceptance and Regression Testing with UAT test scenarios. **Proficient in designing and creating automation frameworks for web-based applications using Java, TestNG, Selenium WebDriver, IDE, Grid, Maven, Jenkins**
* Used Parameters, Data Provider Testing annotations to perform regression and functional testing.
* Acting as coordinator between client and Offshore team is to ensure active communication between client and team and translate the information
* Performed API testing with https protocol using Postman tool.
* Involved in Mobile Testing.
* Involved in grouping of Test Cases, Test Methods and Test Suites using Testing annotations.
* Developed and Executed Test Scripts using Selenium Web Driver, Testing, analyzed Test Results.
* Scripted the Test cases and managed the framework dependency jars using Maven.
* Performed continuous integration of code and scripts using Jenkins, Maven and testing. Configured and launched builds using Jenkins jobs and analyzed the Test Results from Email sent by Jenkins.

**Environment:**Selenium Web driver, TestNG, Java, POI, Jira, Git, Maven, Eclipse, Jenkins, Postman.

**Thomson Reuters March 2017 to Nov 2018**

Sr. QA Analyst

Providing technology, guidance and expertise to accounting firms, corporations, financial institutions, governments, and law firms.

**Roles and Responsibilities**:

* Created the Test Plan Document, Test Scenarios and Test Cases based on the requirement document like BRD and SRS
* Involved in writing automated scripts for angular JS application using protractor, Jasmine and JavaScript.
* Documented Defects found during test on Quality Center/ALM   system and communicated, recorded problems to the responsible development personnel.
* Test script development and execution, data sourcing/data provisioning, defect tracking, and ensuring that proper test result documentation.
* Implemented Testing automation framework for Smoke Test to ascertain that the crucial functions of the application work.
* Implemented Regression Test to detect bugs after enhancement and configuration settings of the code.
* Worked with developers to update the defects, resolve them and track their status.
* Participated in QA weekly meetings and various other meetings and discusses enhancement and modification request issues and defects in the application.
* Used Agile scrum methodology and actively participated in the stand-up meeting to keep the whole team informed about the test status.

**Environment:**Selenium Web driver, JavaScript, Protractor, Jasmine, Node.JS, Quality Center, TFS, visual Studio.

**Altruista Health Dec 2014 – Feb 2017**

Automation engineer

Altruista enables care management and population health management for any member, in any setting, across all populations. Altruista uses predictive analytics to identify and stratify risk. Coordinate among all health resources. Accelerate quality improvement. Promote provider engagement.

**Roles and Responsibilities**:

* Responsible for implementing page object model (POM) using SeleniumWebDriver**,** CucumberandJava**.**
* Assessed & analyzed user stories and participated in Sprint planning, Review Sessions & Scrum Meetingsand developedTest scenarios, Test cases, Test data, Test procedures, Test reports.
* Developed BDD tests using Cucumber by writing features and step definitions using Gherkin.
* Extensively automated regression and functional test suites.
* Involved in the Continuous Integration of the automation framework on Maven build files with Jenkins.
* Used Agile scrum methodology and actively participated in the stand-up meeting to keep the whole team informed about the test status.
* Communicated test progress, test results, and other relevant information to project stakeholders and management.
* Used Firebug, Fire Path to debug, edit and locate the objects based on ID, Name, XPath, CSS Selector, Link, Partial Link, Attributes and Tags.

**Environment:**Selenium Web driver, TestNG, Java, POI, GIT, Cucumber, Maven, Jenkins, IntelliJ Idea.

**Exceed Management Pvt. Ltd.** **June 2012– Dec 2014**

Trainee Software Engineer

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| It is a pre-employment screening service that allows companies to improve their hiring process. It built a layer of digitization on top of the applicant tracking system model to help enterprises improve their ability to hire the best candidates faster and rapidly fill open positions to reduce revenue loss. |

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**Roles and Responsibilities**:

* Understanding the business requirement document.
* Preparing Test Cases make sure that test case coverage is in line with the requirement specification document.
* Executing Test Cases in different browsers.
* Smoke Test, Functionality Test, User Interface Test and Regression testing.
* Deployment of the application.
* Performed manual testing and logged bugs.

**Environment:**Manual Testing, Jira.