**Deepika K**

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**PROFESSIONAL SUMMARY**

* 8+ years of industry experience working with emphasis in **Quality Engineer** in testing **Web** and **Client-Server Applications** using **Automation Testing**.
* Expertise in Quality Analysis with strong understanding of using **Agile (Scrum).**
* Excellent java development skills using **Core Java, OOP’s, Collection, Data Structures and Algorithms.**
* Expertise in Automating the Applications using **Selenium WebDriver, Selenium Grid** with Java Testing Frameworks like **TestNG** and **JUnit**.
* Experience in development and execution of Automation Framework using **Page Object Model**, **Data Driven Testing,** **Apache POI, Log4j and** **UI Mapping**.
* Expertise in **SOAP** and **RESTful** Webservice testing using **SOAPUI**, Apache **HTTP Client** and **Rest Assured** and manual testing in **POSTMAN**.
* Experience with **JMeter** to do **Load** and **Stress** testing for **Web Applications** and **REST API's**.
* Experience in creating **Cucumber** Feature files, Scenario and creating Step **Definition** classes.
* Proficiency in setting up local workspace using Maven**, GIT, Jenkins, TestNG** and **Eclipse**.
* Expertise in using **SQL Queries** to verify the data from the **MySQL** (Backend validation).
* Experience in various kind of testing’s **like sanity testing, smoke testing, Functional, Regression, System, compatibility testing, Black Box Testing and Ad hoc testing.**
* Good understanding of bug tracking using **JIRA** for reporting the Modification Requests and collecting Test Metrics to keep track of the test progress and test execution.
* Participated in weekly project status meetings and discussions with the stakeholders.
* Good knowledge of **UNIX** shell commands to tail the logs, adding users, starting services from the shell, setting aliases to frequently used commands, creating users and settings file system permissions.
* Good knowledge in **Web technologies** like **XML, JSON, XPath, HTML, CSS**.
* Ability to learn new technologies and challenging concepts quickly and implement them.

**EDUCATION QUALIFICATION**

**Bachelor of Engineering**

**TECHNICAL SKILL SET**

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| **Languages** | Java, SQL, XML, HTML, XPath, CSS, JSON |
| **Databases** | MySQL, Oracle |
| **Web Services** | SOAP, RESTful Web Services |
| **Testing Tools** | Selenium WebDriver, TestNG, Junit, SOAP UI, REST-Assured, Postman, Cucumber, JMeter |
| **Tools** | Eclipse IDE, Selenium, Web driver, Maven, GitHub, Jenkins, Cucumber, Log4j, Confluence |
| **Build Tools/Coverage Tools** | Jenkins, Maven |
| **Bug Tracking Tools** | JIRA |
| **Testing Methodologies:** | System Testing, Acceptance Testing, Functionality, Regression |
| **IDE’s** | Eclipse, IntelliJ IDEA, Notepad++ |
| **Platforms** | Windows, iOS, Unix, Linux |
| **Version Control/Desktop Applications** | Git |

**PROFESSIONAL EXPERIENCE**

**Client: Wells Fargo - San Francisco, CA (Aug 2021 – Till Date)**

**Role: Software Development Engineer in Test**

**Description**: The goal of the project is to successfully migrate from jQuery to react with additional features and changes in the flow of the UI. My responsibilities include validating mobile and desktop web applications using **manual and automation**.

**Responsibilities:**

* Involved in the Software Development Life Cycle from Requirement Analysis to supporting applications in production.
* As part of the Agile Team, I was responsible for creating test plans, test scenarios and writing test cases for testing various functionality.
* Reviewed Business requirements, IT Design documents and prepared Test Plans which involved various Test Cases for all assigned modules, Review Test Requirements, Creating Test Plans and Test Strategy documents.
* Automated web application using **Java, TestNG, Selenium WebDriver, Cucumber, Maven, GIT and Jenkins.**
* Implemented **BDD** framework using **Cucumber**.
* Worked in Hybrid Frameworks with Page Object Model, Data-driven, UI Mapping using Java, Selenium WebDriver, Apache POI.
* Involved in **Web services testing** using POSTMAN tools. Validate request and response XML. Added assertions to validate the XML for SOAP service.
* Used **ALM** for test management.
* Used **JIRA** for defect management includes defect logging, defect tracking, and defect closure.
* Worked in an **Agile** environment and actively participated in Daily stand-ups and project meetings.

**Environment**: **Java, Selenium WebDriver,** **Perfecto, Apache POI, Maven, Eclipse, Page Object Model (POM)**, **TestNG, Log4j, XML, SOAP, Cucumber, Gherkin, Agile, JIRA, Jenkins, GIT.**

**FREMONT BANK, FREMONT, CA (Jan 2019 – July 2021)**

**Role: Software Development Engineer in Test**

Fremont bank is a leading bank in commercial banking. The project involved linking credit card and debit card in different order to checking and savings accounts. Through this portal, Customers can access their account information, pay bills, and check balance and account history etc. For this, they need to register and login to the portal with correct credentials. Customers are also allowed to view and take different loans and access loans information.

**Responsibilities:**

* Worked in an **Agile** environment and actively participated in Daily stand-ups and project meetings.
* Created Automation frameworks for Web based applications using **TestNG**, **Selenium WebDriver** **Maven** and **Jenkins**.
* Implemented **Hybrid Frameworks** with **Page Object Model**, **Data-driven**, **UI Mapping** using **Java**, **Selenium WebDriver**, **Apache POI**.
* Build Automation framework from Scratch to test RESTful Web Services using **Rest Assured** with **Cucumber** framework in Java.
* Created performance test scripts using **JMeter** to monitor response time and performance of the web application.
* Involved in Continuous Integration using tools such as **Jenkins** and **GIT** to source control test assets and execute test runs.
* Responsible for managing **GitHub** branching according to the standards defined within the team.
* Validated the data in the database against GUI by using **SQL** extensively.
* Performed the Back-end testing manually by writing and executing **SQL** statements on **Oracle** Database in the UNIXenvironment.
* Used **JIRA** for defect management includes, defect logging, defect tracking, defect tracking and defect closure.

**Environment: Selenium WebDriver, Rest Assured, Maven, Java, Agile, TestNG, Jenkins, JMeter, Cucumber, SQL, JIRA.**

**FIDELITY INVESTMENTS, Dublin, CA (Jan 2017 – Dec 2018)**

**Role: Automation Test Engineer**

Fidelity investments are a multinational financial services corporation. It is the 4th largest mutual fund and financial service provider. It provides Windows based and web applications for customers to login and keep track of the stocks, bonds, and any type of equity they have purchased and allows them to compare progress online. Involved in interface redesign to better highlight existing features, add new functionality, and improve overall usability. The Login portal would enable account holders to check account performance as a group, individually respective to the stocks, bonds and helps them to perform transactions for transportation activities for other related activities.

**Responsibilities:**

* Extensively involved in all stages of Testing life cycle using **Agile Methodologies**.
* Automated Test Cases to perform Functional Testing of the front-end using **Selenium WebDriver** & created **Data Driven Framework** using **TestNG**, **GIT**, **Maven**, **Jenkins**, **Log4j**.
* Involved in **SOA** based Web Services Testing using RESTservices to create and execute automated Functional, Regression, and compliance tests with Java Framework.
* Validated **RESTful** Web Services using Apache **HTTP Client** and manually tested using **POSTMAN**.
* Created XML based test suite and integrated with **Jenkins** Server to execute automation scripts on a regular basis by scheduling Jenkins jobs in different test environments with different test configurations.
* Extensively used Selenium Locators (**XPath** and **CSS** Selectors) to test the web application.
* Developed and Executed **SQL** queries to check the database and checking the data integrity in accordance with business standards of the company.
* Extensively worked in multiple operating systems including **UNIX**, **Sun Solaris**, **Linux**.
* Performed execution and logging defects in **JIRA** and verification of defects for System Testing.
* Good Knowledge in using tools like **Firebug** and **Fire Path** checker for identifying **XPath**.

**Environment: Java, Selenium WebDriver, TestNG, Apache HTTP Client, POSTMAN, Maven, Log4j, JIRA, SQL, Jenkins.**

**Client: Philips HealthCare, San Mateo, CA (May 2015 - Dec 2016)**

**Role: Automation Engineer**

**Description:** With the Philips eTrac remote patient monitoring program, clinicians can monitor patients' vital signs, survey them about their health, and prioritize them for intervention without an in-person visit. The eCare Coordinator platform then provides a daily status review of patients who have been flagged, and sorts them into three severity levels: high, medium, and low. It also shows detailed patient charts, and key data such as patient contacts, clinical notes and surveys, and device assignments.

**Responsibilities:**

* Actively participate in all Spec and Design review meetings.
* As part of **Agile** Team, created test plans, test scenarios, and wrote test cases for testing various services.
* Performed **Functional** Testing, **Regression** Testing, **Smoke** Testing, and **Integration** Testing.
* Involved in migration from **Selenium RC** to **WebDriver**.
* Performed **Functional Testing** to identify various critical points in the application and automated it by using **Selenium WebDriver**.
* Created test cases using **Selenium WebDriver, JUnit,** and **Maven**.
* Developed **Maven** for maintaining test automation builds & **Java** based library to read test data from XML & Properties files using **JUnit** and **Selenium**.
* Implemented **SOAPUI** for Web Service Testing of server-side business layer.
* Developed the classes in **Log4j** to implement logging feature in all the application modules.
* Executed **SQL** queries to validate the Data in tables.
* Worked with basic **UNIX** commands and Shell Scripting.

**Environment: Selenium WebDriver, SOAPUI, JUnit, Log4j, Maven, SQL, Java.**

**Client: Tech Mahindra, Pune, India (March 2011 - July 2012)**

**Role: QA Analyst**

**Description:** Employee management portal is built using Peoplesoft, SQL. Using this application, the organization can manage their vendors, services, purchase orders, invoices and billing.

**Responsibilities:**

* Actively participated in all phases of testing **Life cycle** including document reviews, inspections, and project status meetings.
* Participated in weekly status meeting, coordinated with the developers and testers to resolve the defects and close them.
* Prepared complete **Test Result Reports** (TRR) in the MS-Word format for each build of the application.
* Performed **End-to-End testing** after bug fixes and modifications.
* Manually executed **Test Cases** for batch programs, this testing involved running the **Shell Scripts.**
* Extensively used SQL and wrote complex **SQL** Queries for manual backend testing.
* Manually did the Functional and Regression testing by executing the Program files from the command line using **UNIX** commands.

**Environment**: **SQL, UNIX, Shell Scripting.**