**Madhura G**

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 **QA ENGINEER**

CAREER OBJECTIVE

Seeking a position to utilize my skills and abilities in the information technology industry that offers professional growth while being resourceful, innovative and flexible.

**KEY STRENGTH**

* **Testing**: 7 years 6 month of experience in IT industry mainly in Selenium automation, TestNG, BDD cucumber for web-based applications. My expertise span around both manual and automation testing with strong focus on automation test framework such as **data driven framework and Page Object Model (POM).** Maintained the Selenium & JAVA automation code in version control tool **GIT** **Lab and Jenkins** to build, test and deploy.
* **Java**: Proficient in Core Java. Developed reusable, maintainable and high-quality scripts for UI tests. Independently developed project specific functions to interact with **REST API services** and external data source such as Database, Excel Sheet, JSON and properties file.
* **SQL**: Wrote SQL queries using joins to retrieve the data from databases for backend testing.

**PROFESSIONAL SYNOPSIS**

* Developed Test cases manually and generated Automation test scripts using open source tools such as **Selenium Web driver using Java**.
* Solid experience of **AGILE Methodologies and Scrum processes.**
* Executed automation scripts on different browsers/environments & reported defects/results to the team.
* Proven ability as an **Individual Contributor for 3 years** as part of Problem solving, Process improvement activities, Reporting, Reusable components.
* Experience in RESTFULL web service Testing using **Rest Assured** java and understanding of **HTTP code response**.
* Experience on writing the feature file and Gherkin language using **BDD cucumber**.
* Experienced in **sprint working model** with an aim to improve the overall system understanding within the team.
* Good experience on requirement management tool **ALM and Rally tool**.
* Worked with developers on root cause analysis of defects and verification of their resolution.
* Worked with **product owner** to **prioritize** new features and **UI improvements**.
* Knowledge in writing **SQL Queries, SQL Scripts and performing Database testing.**
* Proven skills in **Leading and training teams, Test Management and Meeting the deadlines**
* Strong communication & interaction with Clients, Developers, Business Analysts, Management.
* **Maintained the Selenium & JAVA automation code and resources in version control tool like GIT** **Lab** over the time for improvements and new features
* Took ownership of automation and led the automation team by mentoring the team.

TECHNICAL SKILLS

* Programming Languages : Core Java
* Software Development Model : Waterfall model, Agile
* Project Management tools : JIRA, ALM, Rally
* Database : MySQL, Microsoft SQL server
* Test Automation tools : Selenium Web driver
* Version control tool : GIT, SVN
* CI/ CD : Jenkins
* Framework : Data driven framework

**HONORS AND AWARDS**

* Received Impact Award, Bravo Award and Applause award for year 2019 – 2020 and 2020-2021 from GE Healthcare for excellent contribution towards automation and identified the defects at early stage to deliver the product quality.
* Awarded Spot performer for my contribution to Selenium automation from IMS health.
* Star excellence award from CISCO clients for promoting innovations, leading change and embarking on new ways to drive business goals.

**EDUCATION**

* Bachelor of Engineering in Information technology 2013 from Sri Bhagwan Mahaveer Jain College of Engineering.

**PROFESSIONAL EXPERIENCE**

* **GE Healthcare|** QA Engineer | February 2019 – Till Date
* **IQVIA (formerly IMS Health) |** QA Engineer | February 2017 – February 2019
* **Infosys Limited** | Test Engineer | October 2013 – January 2017

**PROFESSIONAL EXPERIENCE SUMMARY**

**Rule Studio Feb 2019 – Till Date**

**Role: Software QA Engineer**

**Tools and Technologies :** Selenium, Core Java, Jenkins, Git, SVN, TestNG, BDD, Rest assured, Database testing, REST API

**Project Description**:

Rule studio provides rule and application development tools with which one may create and manage the rule vocabulary, business and execution object models and mapping between them, write, test and deploy business rules and graphical artifacts (decision trees and rule flows). It supports deploying and debugging rule sets to the rule execution server and enables collaboration with business rule authors through it’s integration with Rule Team Server.

**Roles & Responsibility:**

* Worked in the Agile Development Environment attended daily scrum meetings.
* Involved in analyzing requirement specifications, developing test cases, test scripts for QA methodologies.
* Developed automation UI test script using **selenium web driver java**.
* Developed automation script for **REST-API testing using Rest Assured**.
* Performed parameterization of automated test scripts to check how application performs against multiple sets of data contributed in developing reusable utilities in automation test framework.
* Involved in testing the backend database, retrieved data from the tables using SQL.
* Worked towards distributed test automation execution on different environments as part of Continuous Integration process using **Selenium Grid and Jenkins**.
* Presented automation test framework (data driven framework) and enhancements implemented in project and test metrics to Project Managers and Quality Assurance Directors.
* Developed automated testing scripts that reduced 20% of time.

**RDM (Reference data management) Jan 2018 – Feb 2019**

**Role: Software QA Engineer**

**Tools and Technologies :** Selenium, Core Java, Jenkins, Log4j, MySQL, Git.

**Project Description**:

RDM project aims to develop a global platform to author and maintain (merge/match/modify) reference data of various domain areas in IMS. The data from this platform will be exposed to downstream systems like Reference Data Storage (RDS) for their consumption. The RDM testing team is currently covering testing the components:

* The Pre-ETL process that converts f13 formatted UK OneKey data to GDM formatted for onboarding to RDM. RDM which will accept and process GDM formatted entities to produce a master set of golden records.
* Kafka Message publishing of new and updated golden records to RDS.

**Achievements:**

* Saved 30% time and cost of testing by automation using Selenium WebDriver, JAVA.
* Increased productivity by 20% by effectively training AGILE automation team.
* Achieved customer satisfaction and high quality by effective Automation testing, AGILE Processes.

**Roles and Responsibilities:**

* Testing the software developed to meet the requirements of the end user.
* Created Test scripts using element locators and selenium web driver methods.
* Enhanced Test scripts using java programming feature and using Test Ng frame work.
* Involvement in the test execution result Analyzing and defect reporting.
* Execution of selenium Test Cases and Reporting defects by using Jira.
* Conducted Regression, cross browsing testing and parallel execution.
* Effectively communicate project expectations, project goals and scope to the team.

**DNA (Data Niche Associate) March 2017 – Dec 2017**

**Role: Software QA Engineer**

**Tools and Technologies :** Selenium, Core Java, Jenkins, Log4j, MySQL, Git.

**Project Description**:

Data Niche Associates provides data and services to help pharmaceutical companies reconcile prescription rebates for Medicaid and managed care claims. DNA, which will operate as an IMS business unit, pioneered the use of prescription-level data to provide services that validate government-mandated rebates paid by pharmaceutical suppliers.

**Roles & Responsibilities:**

* Worked as a Software Quality Analyst in User Acceptance Testing Group responsible for validating new functionality developed for Customers and Business Users.
* Involved in Automation Infrastructure Development using Selenium.
* Execution of Selenium test scripts and reporting defects.
* Preparation of weekly and monthly status report.
* Share my understanding of the systems intended structure and behavior with fellow testers and stakeholders.
* Built partnerships with developers, system analysts, project managers and business managers.

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| **Client** | Cisco Systems |
| **Title** | Automation of Regression and Progression testing for Cisco product |
| **Technology** | Core Java, HTML |
| **Automation Tools** | Selenium 2.32, Open Script 12.3, 12.4 |
| **Database**  | Oracle 10g, 10i |
| **Testing Approach** | Test Script development and Execution. |
| **Test Management Tools****Duration** **Role** | Quality Center, RallyOctober 2013 – January 2017Test Engineer |

**Roles and responsibility as test engineer at Infosys**

* To read all the requirements and understand what needs to be tested.
* Responsible for building SQL queries for Database Testing.
* Inform the test lead about what all testing will be required for software testing.
* Develop test cases and prioritize testing activities. Involved in writing and Executing Test Cases manually.
* Execute all the test case and report defects, define severity and priority for each defect.
* Carry out regression testing every time when changes are made to the code to fix defects.

**Projects Description:**

**SCM (Supply chain management)** Supply chain management (SCM) is the management of the flow of goods. It includes the movement and storage of raw materials, work-in-process inventory and finished goods from point of origin to point of consumption. It is a network of facilities and distribution options that performs the functions of procurement of materials, transformation of these materials into intermediate and finished products.

**Case One (CSOne)- Salesforce :** Salesforce is the primary enterprise offering within the Salesforce Platform, and provides companies with an interface for case management and [task management](https://en.wikipedia.org/wiki/Task_management). The Salesforce customer portal provides customers the ability to track their own cases, includes a social networking [plug-in](https://en.wikipedia.org/wiki/Plug-in_%28computing%29) that enables the user to join the conversation about their company on [social networking websites](https://en.wikipedia.org/wiki/Social_networking_website), provides analytical tools and other services including email alert, chat, Google search.

**Entitlement Framework (EF)**

EF for some of the consumers like IronPort, VCE and few others as part of Smart Bonding initiative in Cisco Smart Services. In order to expose the data outside of Cisco firewall, the consumers of this needs to be authenticated and authorized. Also only those data attributes of the service will be exposed for which consumer is authorized to. As CEPM is Cisco’s Policy based Authorization/Decision engine, policies will be created here and upon existence of a valid policy for the service caller, the data will be exposed.

 **Place:** Bangalore **Madhura G**

 **Date:**