**SelvaRathinaKumar**

**Mobile: +1 6097791391**

**ppriya@compunnel.com**

**Profile Summary:**

* 17+ years of work experience in Manual and Automation Testing.
* 11+ years of experience in Automation Testing (Selenium, UFT).
* 6+ years of experience in handling automation team as an **Automation Test Lead**.
* 1+ year of experience in ETL Testing.
* Experience in preparation of Test Plan, Test Strategy and Estimation of Project Requirements.
* Experience in Automation Framework Design/Customization.
* Experience in Automation Testing using **Selenium web driver using TestNG and BDD Cucumber framework.**
* Experience in implementing the **Page Object Model** **(POM)** by creating elements for each page object and reusing all the objects in various scripts.
* Automation Testing using UFT using CRAFT/CRAFT Lite framework.
* Experience in GIT and SVN Source code management Tool.
* Having experience in configuring Maven\Gradle Build Tool for Automation framework design.
* Having experience in configuring Jenkins setup for continuous integration system.
* Having experience on Test Management using the tool ALM.
* Done Defect Tracking using ALM/Jira/Clear quest.
* Done Main Frame Automation using UFT.
* Having experience in regression execution in multiple machines by configuring with cloud machines.
* Having experience in Selenium 4 version.
* Having experience in ETL Testing in Teradata, Snowflake, SQL Server.
* Having experience in AWS.
* Having experience in Micro Strategy BI Tool.
* Having experience in Data Base validation using UFT Automation tool.
* Having experience in testing Rest API using rest assured framework.
* Done Automation Feasibility Analysis, Estimation and Poof of Concepts (POC).
* Done ROI Estimation for Automation Projects.
* Involved in Risk Analysis and Mitigation Plan.
* Having Functional Domain experience in Health Care, Insurance, Banking and Automobile Domain.
* Having experience in working in Agile Project.
* Having experience in creating VBA Macro automation.
* Interacted with key business stakeholders in business understanding and Walkthrough sessions.
* Having experience in testing projects in Multiple Environments.
* Familiarity with C and Java programming languages.
* Strong organizational skills, able to track multiple test executions simultaneously and can synthesize the results.
* Having good experience in generating testing related metrics and having strong knowledge of each metrics like purpose of it, interpretation of the report
* Ability to thoroughly analyze system’s functional requirements and break them down into test requirements/test objectives, test conditions, Expected and actual results.
* Ability to handle multiple tasks and work independently as well as in a team.
* Good team player with excellent written and verbal communication and interpersonal skills.
* Having Knowledge in all Testing Methodology.

## Technical Skill Expertise:

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| --- | --- |
| **Automation testing tools** | Selenium Web driver, UFT, IBM Rational Tools |
| **Automation Frameworks** | TestNG, BDD Cucumber, CRAFT |
| **Programming Language** | Java, VB script, C programming |
| **Test Management Tools** | ALM, Jira, Rational Test Manager |
| **Requirement Management Tool** | Rational Requisite pro, ALM |
| **Source Control** | GIT, Bitbucket, SVN |
| **BI Tool** | Micro Strategy |
| **Bug Tracking tool** | ALM, Clear quest, Jira |
| **Database** | SQL Server, Teradata, Snowflake |
| **Operating Systems** | Windows, Mac OS |

## Project Profile:

**NBCU, New Jersey, USA Aug’22 to till date.**

**Project Title: USH POS (Point of Scale)**

USH POS software is a computer application that allows USH retailers to manage their sales transactions and customer information. POS system consists of the physical components used to record, process and store sales transactions, such as cash registers, valet parking, ticketing information, and human resource management.

**Role**: Automation Test Lead

**Responsibilities:**

* Handled 4-member offshore team as test lead.
* I have prepared QA Test Strategy document and mention QA Approach, plan and got signoff from corresponding stake holders.
* I have participated in daily meetings, application refinement sessions, interacted with key business stakeholders in business understanding and walkthrough sessions, report daily and weekly status report to Product Owner and QA Signoff meetings.
* Used Selenium web driver as automation tool with BDD Cucumber and TestNG.
* Done Functional test case design and execution.
* Used Micro focus plugin to add test cases in ALM and updated test case results in Test Lab.
* Used Maven as a build tool for automation framework setup.
* Used bitbucket for source code management.
* Used Jenkins as continuous integration tool.
* Demo tested user stories to product owner for user story sign off.
* I have used Jira for defect management and project management.
* Done smoke and regression test execution using automation test script.
* Involved in agile methodology, participated in daily scrum meetings, sprint retrospective meeting, product refinement sessions and interacted with key business stakeholders in business understanding and walkthrough sessions.
* Done smoke and regression test execution using automation test script.

**Environment:** Selenium Web driver, Maven, Java, BDD Cucumber, TestNG, Bitbucket, GIT, IntelliJ, AWS, SQL Server, Teradata, Snowflake, Micro Strategy, Jenkins

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**Discover, New Jersey, USA Nov’21 to till Aug’22**

**Project Title: Account Incident Manager (AIM)**

Account Incident Manager is a web-based fraud risk mitigation tool that facilities communication between issuing partners, acquiring partners, and discover concerning account data compromise (ADC) incidents. AIM allows issuing partners to submit one or upload multiple account compromise requests, containing details related to suspected or confirmed ADC incidents to Discover. Discover then gathers additional information related to the incident and provides the issuer with comprehensive case details to mitigate the ADC case.

**Role**: Automation Test Lead

**Responsibilities:**

* Handled 5-member automation team as automation test lead.
* Develop reusable automation test scripts using Selenium Web Driver by using JAVA programming language.
* Used BDD cucumber framework with serenity report as automation framework for script development.
* Used Git as source control management tool.
* Used Gradle as build tool for automation framework design.
* Used Jenkins to run regression and smoke test suites.
* Used Jira to track project requirements and tasks.
* Used ALM to maintain test cases and test results.
* Demo Stories to Product Owner for Acceptance of quality delivered product.
* I have done integration testing using Micro Strategy BI tool.
* Integrate new automation script with automation regression suites in each sprint and perform Automation regression execution.
* Share Automation reports with stakeholders for each sprint, participate in report review meetings, perform root cause identification and resolution.
* Used SQL Queries for ETL validation in SQL server, Teradata, and snowflake.
* I have worked on AWS S3 Browser for validation of DB flat files.

**Environment:** IntelliJ, Gradle, Git, Java, Jira, Windows, Jenkins, ALM, BDD, TestNG, Serenity, SQL server, Teradata and snow flake

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**FHLBNY, Chennai, India March’20 to Nov 21**

**Role**: Automation Test Lead

**Project: Affordable Housing Program (AHP)**

The Affordable Housing Program (“AHP”), created by Congress in 1989, provides member community lenders (“Members”) with direct subsidy grants, or lower-interest rate subsidized loans, that are passed on to qualified households through sponsoring local non-profit and for-profit housing organizations (“Sponsors”). The Bank allocates 10% of its previous year’s net income to the Affordable Housing Program. AHP financing is combined with other funding sources to create housing for moderate-, low- and very-low-income families.

**Responsibilities:**

* Handled 10-member automation team as automation test lead.
* Develop reusable automation test scripts using Selenium Web Driver by using JAVA programming language.
* Used BDD cucumber framework with allure report as automation framework for script development.
* Used Bitbucket for creating/merging branches of GIT Repositories.
* Used Gradle as build tool for automation framework design.
* Used Rest Assured framework to test Rest API.
* Integrate new automation script with automation regression suites in each sprint and perform Automation regression execution.
* Done smoke and regression test execution using automation test script.
* Involved in agile methodology, participated in daily scrum meetings, interacted with key business stakeholders in business understanding and walkthrough sessions.
* Share Automation reports with stakeholders for each sprint, participate in report review meetings, perform root cause identification and resolution.

**Environment:** IntelliJ, Gradle, Git, Java, Jira, Windows, BDD Cucumber, Rest Assured, AWS

**BNY Mellon, New York, USA Mar '19 – Feb '20**

**Project Title: MGM (My Ginnie Mae)**

The Government National Mortgage Association (commonly referred to as Ginnie Mae) is owned by U.S. Government corporation within the Department of Housing and Urban Development. It is the primary financing mechanism for all government-insured or government-guaranteed mortgage loans. Integrated Pool Management System (IPMS) applications which is part of Ginnie Mae allows the submission and administration of MBS pools and loans.

**Role**: Automation Test Lead

**Responsibilities:**

* Perform test estimation, automation feasibility Analysis, proof of concepts (POC) to identify Automation tools and implementation of TestNG framework for selenium Automation testing.
* Develop reusable Automation test scripts using Selenium Web Driver by using JAVA programming language.
* Used Extent Report for Automation Reporting.
* Used SVN as source code management tool.
* Used Maven as a build tool for automation framework design.
* Used ALM for requirement management.
* Participate in requirement walkthrough session with business stake holders for understanding business requirements.
* Integrated Automation scripts (Selenium WebDriver API) on Continuous Integration system tool Jenkins and set up jobs in Jenkins for smoke and regression testing.
* Integrate new automation script with automation regression suites in each sprint and perform Automation regression execution using Jenkins server in multiple cloud machines.
* Share Automation reports with customers for each regression cycle, participate in report review meetings, perform root cause identification and resolution.

**Environment:** Eclipse, Maven, SVN, Java, ALM, Windows, TestNG, Extent Report,

**JP Morgan, Jersey City, New Jersey Aug '07 – Mar '19**

**Project Title: PBLOS**

PBLOS is a web-based mortgage application used for processing loan applications. It comprises creation of Loan tickets from loan application data, creating packages with credit history and flood zone related data. Also, the application includes underwriting and loan closure functionalities for loan processing functionalities.

**Role**: Automation Test Lead

**Responsibilities:**

* Perform test estimation, automation feasibility Analysis, proof of concepts (POC) to identify Automation tools and implementation of BDD Cucumber framework for selenium Automation testing.
* Develop reusable Automation test scripts using Selenium Web Driver by using JAVA programming language.
* Used Bitbucket for create/merge branches of GIT Repositories.
* Used Maven as a build tool for automation framework design.
* Integrated Automation scripts (Selenium WebDriver API) on Continuous Integration system tool Jenkins and set up jobs in Jenkins for smoke and regression testing.
* Create Blueprints in ATC (Application Testing Cloud) and configure cloud machine environment setup for Regression execution**.**
* Integrate new automation script with automation regression suites in each sprint and perform Automation regression execution using Jenkins server in multiple cloud machines.
* Used middleware to create test data for Automation Testing.
* Share Automation reports with customers for each regression cycle, participate in report review meetings, perform root cause identification and resolution.
* Involved in agile methodology, participated in daily scrum meetings, interacted with key business stakeholders in business understanding and walkthrough sessions.

**Environment:** Eclipse, Maven, Git, Bitbucket, Java, Windows, Jenkins, Middleware

**Emblem, Chennai, India** **Oct '16 – June '17**

**Project Title:** QCare

QCARE is the main frame system developed by Emblem Health for claims processing of all physician and hospital claims. By using this system, we can create, adjudicate and price the claims. The claims are processed by adjudicating the claims with procedure code, diagnosis code, modifiers and with all essential data.

**Role**: Automation Test Lead

**Responsibilities:**

* Done Automation Feasibility Analysis, Estimation and Poof of Concepts (POC).
* Took part in Application walkthrough sessions with business stake holders and got knowledge in health care claims adjudication process and mainframe system.
* Used Cognizant CRAFT Framework for Automation testing.
* Create Reusable Automation Test script for Main frame application using UFT.
* Create Automation Test suite by integrating UFT scripts with ALM Test cases.
* Create test script and integrate regression suite for each cycle, execute and share the result with customers.
* Doing End to End Coordination in Automation Testing Process.
* Involved in Sending Daily Status Report and Weekly Status Report to onsite coordinator.
* Involved in Risk Analysis and Mitigation Plan.
* Involved in Knowledge Sharing Sessions with New Joiners.
* Done Test Management, Test Execution and Test Reporting using ALM.

**Environment:** IBM Mainframe, UFT, VB Scripts, ALM

**Emblem, Chennai, India** **July '15 – Sep '16**

**Project Title:** NetworX Pricier Modeler

NetworX pricing and modeling solution designs and develops interactive modeling tools to evaluate the cost/benefit of all physicians, hospital, and ancillary proposals/arrangements. NetworX pricing and modeling solution will provide several years of claims history to review potential claims pricing. It will also result in reduced time to create new model contracts.

**Role**: Automation Test Lead

**Responsibilities**

* Done Automation Feasibility Analysis, Estimation and Poof of Concepts (POC).
* Worked on preparation of Automation Test Strategy.
* Done ROI Calculation for Automation Testing.
* Used Cognizant CRAFT Framework for Automation testing.
* Worked on Automation Test Script Design using UFT.
* Took part in Application walkthrough sessions with business stake holders and got knowledge in health care domain knowledge.
* Done Automation Feasibility Analysis and POC by using Selenium Web driver for web application using TestNG framework.
* Done database testing by using UFT Automation tool.
* Created Automation Test suite in ALM by integration ALM with UFT.
* Doing End to End Coordination in Automation Testing Process.
* Involved in Sending Daily Status Report and Weekly Status Report to onsite coordinator.
* Involved in Risk Analysis and Mitigation Plan.
* Involved in code review of Team Members
* Involved in Knowledge Sharing Sessions with New Joiners.
* Done Test Management, Test Execution and Test Reporting using ALM.

**Environment:** Windows, UFT, ALM, VB script, Macro

**Express Scripts INC, Cognizant, Chennai, India** **Mar '12 –June'15**

**Project Title:** Coverage 360

Coverage 360 is a project used to manage prior authorization requests. It is used by call center representatives, pharmacist users and doctors. By using this application, a case request is created when a member requests for specific drug where prior auth request is needed for the service. The case request is Approved/Rejected at the pharmacy as per question-and-answer criteria.

**Role**: Automation Tester

**Responsibilities:**

* Used Cognizant CRAFT Lite Framework for Automation testing.
* Create reusable Automation test script for Pega Application using UFT Automation Tool.
* Involved in agile methodology, participated in daily scrum meetings, interacted with key business stakeholders in business understanding and walkthrough sessions.
* Perform Functional Testing, Regression Testing, and System Integration testing, (UAT) User Acceptance testing and End to End Testing.
* Took part in Application walkthrough sessions with customers and got knowledge in health care pharmacy benefit management.
* Done feasibility analysis and identify test case for Automation regression testing.
* Handled around 4 members offshore Team.
* Doing End to End Coordination in Automation Testing Process.
* Involved in Sending Daily Status Report and Weekly Status Report to onsite coordinator.
* Involved in code review of Team Members
* Involved in Knowledge Sharing Sessions with New Joiners.
* Done Test Management, Test Execution and Test Reporting using ALM.
* Environment: Java, Web Logic Application Server, Oracle, Ejb 2.0, Struts 1.2, RAD, AIX Linux Server.

**Environment:** Windows, UFT, ALM, Pega, VB Script

**HMH, Cognizant, Chennai, India Nov '09 – Mar '12**

**Project Title:** Texas La

Texas La is a comprehensive delivery system designed to provide efficient tools for creating electronic lesson plans, class assignments, and tests, and for tracking the assignments of students, to store eBooks. Texas La provides a completely scalable, enterprise-level software solution to meet the needs of schools and school districts of any size and capacity. The software is compatible with many Houghton Mifflin Harcourt products, which allows you to create tests, activities, and lessons.

**Role**: QA Tester

**Responsibilities:**

* Interacted with the clients to gather & analyze business requirements of the various modules of the project.
* Involved in agile methodology, participated in daily scrum meetings, interacted with key business stakeholders in business understanding and walkthrough sessions.
* Understand user specification requirements and create functional test cases.
* Execute test case for smoke testing and regression testing for each cycle.
* Worked on Manual Test Case Execution in Cross OS-Browser Environment.
* Log defects in defect tracking tool Jira and took part defect triage meetings.
* Execute Automation test scripts using Selenium RC.
* Identify failed test case and debug the automation code.
* Involved in Sending Automation status report to client.
* Involved in Knowledge Sharing Sessions with New Joiners.
* Worked on Manual Testing including all types of testing like BVT, New Feature Testing, Regression Testing, Defect Retesting and System Testing.
* Involved in Sending Daily Status Report and Weekly Status Report to onsite coordinator.

**Environment:** Java, J2EE, Windows, Mac 0S, Selenium RC

**Vison Tech Solutions, Trichy, India April '06 – Nov '09**

Project Title: **MUIS**

MUIS (Manpower utilization improvement system) is a software system, which can provide the supervisors in automotive industries to manage the absenteeism of the employees, training records, reports, data maintenance, job assignment and quality of the operations. Also, this product manages employees and department’s data.

**Role**: QA Tester

**Responsibilities:**

* Worked on creation of test cases covering test conditions for all functionalities by referring to the requirement specification documents.
* Worked on creation of test cases covering test conditions for all functionalities by referring the requirement specification documents.
* Worked on Manual Testing including all types of testing like Smoke Testing. Functional Testing, Integration Testing, System Testing and Regression Testing.
* Worked on automated functional testing using the tool IBM Rational Tool.
* Worked on test suite creation in Rational test manager by integrating test cases with test scripts.
* I used Rational clear quest as Bug tracking tool.
* Done Test Management, Test Execution and Test Reporting using ALM.
* Worked on Requirements Gap Analysis.
* Involved in code review of Team Members
* Participated in application and requirement walk through.
* Participated in Client-Side interaction.
* Worked on Manual Testing including all types of testing like BVT, New Feature Testing, Regression Testing, Defect Retesting and System Testing.
* Worked on Manual Test Case Execution in Cross OS-Browser Environment.
* Participated in application and requirement walk through.

**Environment:** Java, EJB, IBM Rational tools, WebSphere, Windows

## Educational Qualification:

* **B.E.** in **Electronic and Instrumentation**, July '04.

## Professional Certification/Training:

* **Passed ISTQB Foundation Level Certification on December 2010.**
* **Passed PEGA CMBB Certification on August 2013.**
* **Certified Software Tester, from STC Technologies, Pvt. Ltd in 2005.**