**Udhayakumar M**

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**Professional Summary**

* **12+ Years** of industry experience in the area of **Software Testing (Manual and Automation) with a solid understanding of Test Planning, Test Design, Test Execution and Defect Reporting & Tracking**.
* Experienced in working within fast - paced Agile/SCRUM systems maintained by **JIRA.**
* Strongly experienced in Page Object Model to Automate Functional and Regression Testing by creating Hybrid Framework using Selenium WebDriver
* Participated in developing Automation Framework using BDD, Selenium WebDriver
* Experienced in using POSTMAN and REST-assured for RESTful Web services/REST API testing.
* Good knowledge in writing SQL queries for retrieving test data from database.
* Expert in banking solutions **Temenos T24, Finacle,**and Insurance Admin system**FAST.**
* Expert in **Waterfall** and **Agile** projects (**Scrum & SAFe** Frameworks).
* Strong **analytical**and **problem-solving skills** with excellent **leadership, communication, teamwork, time management, planning, and organizing skills.**
* Strong **functional and technical skills** and expertise in**partnering** with vendor organization teams.
* Expertise in various phases of**the Software Testing life cycle (STLC)**on platforms like Web, Desktop, and **Software Development Life Cycle (SDLC)**that involves**Requirements Analysis, Infrastructure management, Design, Coding, Testing, Integration, Implementation,**and**Maintenance.**
* Experienced in working with **on-site and offshore teams** in a **remote setup**.
* Expert in banking modules such **as Customer, Accounts, Deposits, Lending, Securities, Limits, Collaterals, Payments (SWIFT – ISO15022 & ISO20022, SEPA - ISO20022, SFMS, ACH & Fedwire), Trade Finance, AML, and GL & Accounting**.
* Experience in **Fixed, Variable & Indexed Annuities**insurance products.
* Work experience using Management tools like **Quality Center/ALM, HP Rally, JIRA & Version One,** collaboration tools like **MIRO and Confluence,**and JIRA testing plugins such as **Xray and Zephyr**.

**Professional Experience:**

**Client: Selsoft Inc. Jan 2023 – Present**

**Project: Application Tracking System – Web application development**

**Methodology: Agile - Scrum**

**Role: Lead QA**

**Responsibilities:**

* Participate in Daily Standups, Sprint Planning, Sprint Review and Retrospective meetings
* Prepare Test plan, Test Scenarios and Test cases
* Participate in Triage calls with multiple vendors and stakeholders
* Review Test design & Execution evidences
* Discuss with the client and prioritize testing activities
* Manage functional and Automation teams
* Create and update tasks and status in JIRA
* Retrieve test data using SQL queries

**Client: MUFG Bank Oct 2021 – Oct 2022**

**Methodology: Hybrid (Agile-Scrum& Waterfall)**

**Role: Lead QA**

**Responsibilities:**

* Prepare Test plan, Test Scenarios and Test cases
* Participate in weekly calls with development teams to discuss the road blocks, critical defects which impact testing progress, etc.
* Manage testing teams in concurrent projects (India implementation & HK Implementation)
* Review Test design & Execution evidences
* Discuss with the client and prioritize testing activities
* Manage functional and Automation teams
* Manage SIT testing and co-ordinate UAT testing in parallel
* Write SQL queries to retrieve test data from the database
* Mentor and motivate team members
* Conduct performance review meetings for the team
* Conduct KT sessions on Banking and Testing
* Review Automation framework, automated test scripts, and Reports
* Participate in Triage calls with multiple vendors and stakeholders
* Prepare and publish daily and weekly status reports to stakeholders
* Actively involved with SCRUM and sprint meetings
* Create and update tasks and status in JIRA

**Key Highlights:**

During SFMS implementation, as a Test lead, I had to do meticulous planning and testing to cover each tag in all SFMS messages. Based on my prior experience, we had arrived at a plan that was agreed upon by the customer. SFMS implementation was successful as we hurdled all challenges and completed the project within the timelines. Received **Customer delight award** and **Trail Blazer award** in this project.

**Environment:** Selenium, Quality Center/ALM, HP Rally, JIRA, Confluence, Temenos T24, AA Accounts, AA Deposits, AA Loans, TPH, Payments (SWIFT& SFMS)

**The Prudential Insurance Company of America Apr2020 - Oct2021**

**Methodology: Agile-SAFe**

**Role: Lead QA**

**Responsibilities**:

* Involve in brainstorming sessions on the pain points in testing activities and propose automation solutions for the redundant manual activities
* Participate in innovation events to create ideas and solutions for the clients and organization
* Monitor the progress of learning goals set by the organization/client for individual team members
* Managed API testing team and expertise in Postman, Soap UI & Rest Assured framework.
* Actively involved with SCRUM and sprint meetings, managing the product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing, and reviewing milestones and accomplishments.
* Develop an automation strategy to implement Continuous Testing in DevOps
* Implemented In-sprint automation, TDD, and BDD in the agile teams
* Participate in PI planning and review meetings
* Manage functional and Automation teams
* Perform database testing using DVO tool
* Write SQL queries to obtain test data from database
* Conduct performance review meetings for the team
* Handled Escalations and Client communications
* Created and maintained a database for known defects and test data
* Participated in daily, and weekly meetings and technical reviews. Prepared reports showing the testing efforts.
* Create and update tasks in JIRA.
* Review automated test scripts created by the team
* Maintain automation frameworks and incorporate improvements to the framework.

**Key Highlights:**

Our team was mature in all aspects except test automation. As a test lead, I have suggested an automation approach that used the existing framework created by other teams. The approach was to create automation scripts for the regression cases first and post that we started creating automation scripts for in-sprint stories. Along with In-sprint automation, I have successfully implemented TDD and BDD in our team which helped our team to win the **Trail Blazer award** and **Best Team award**. Later, we integrated the automated Regression test scripts in Jenkins to enable continuous testing. That helped our team to run regression test cases (unattended) during every deployment and increased the velocity and quality of our team without increasing the workload on team members.

**Environment**:FAST, Soap UI, Postman, TDD, BDD, DevOps, API, Selenium, Bitbucket andJenkins

**Open Bank / Santander Group Feb2018 - Mar2020**

**Methodology: Hybrid (Agile-Scrum & Waterfall)**

**Role: Lead QA**

**Responsibilities:**

* Worked as Test Lead and was responsible for planning and completing the test phases.
* Conduct performance review meetings for the team
* Handled Escalations and Client communications
* Active participation in Daily Scrum meetings and Defect Report Meetings.
* Creation, Review & Maintenance of QA Checklist and Test cases for Functional Testing.
* Associated with the development team to understand technical design and architecture for test planning.
* Followed Agile testing methodology, conducted and participated in daily SCRUM meetings, and tested each SPRINT deliverable.
* Manage Functional testing teams, review, design, and execute test cases for System testing and Integration testing
* Retrieve test data from database using SQL queries.
* Managed API testing team that used Postman to validate REST APIs.
* Manage the Automation team and perform regression testing using **Selenium WebDriver.**
* Created defect log using managing the tasks and stories in Agile Environment.
* Defect management, reporting, and tracking using JIRA
* Start and close sprints as a proxy scrum master
* Prepare and publish status reports to stakeholders

**Key Highlights:**

As a senior test analyst, I have provided functional and technical guidance to the automation team. I have also driven defect triage calls on behalf of the Testing Team and provide testing status/reports to all stakeholders. I have created powerful automated regression scripts to ensure the quality of the application. I have facilitated agile ceremonies as a proxy scrum master during the absence of Scrum-master. The first successful implementation of the T24 product for a digital bank in agile methodology was the highest point during my tenure in this project.

**Environment**:Temenos T24, Soap UI, Postman,TDD, BDD, DevOps, API, Selenium, Jira

**Discover Financial Services Sep2014 – Jan2018**

**Methodology: Hybrid (Agile-Scrum & Waterfall)**

Role: QA Lead

**Responsibilities:**

* Lead functional teams and was responsible for managing offshore regression testing teams.
* Design test scenarios, and test cases and execute test cases based on BRD / FSD / TSD
* Review test design and evidence of peers
* Create and maintain automated test scripts for Functional regression using Selenium.
* Validate SOAP APIs using SOAP UI and Rest Assured framework.
* Participate in Agile ceremonies
* Update tasks, defects and test execution status in HP Rally and ALM
* Provide functional guidance to team members
* Create a test execution run plan.
* Retrieve test data from database using SQL queries
* Track and monitor defect closure
* Publish daily execution reports to internal stakeholders
* Involved in Defect Triage calls with Businesses, Vendors & other stakeholders from Testing Team.
* Prepare and maintain the Requirement Traceability matrix

**Key highlights:**

Lead Automation and functional teams during the successful implementation of the Finacle product for the Loans & Deposits module. Also, managed multiple teams across projects during critical phases of the project and handled the post-go-live support team in different shifts to cover the US time zones. Provided UAT support to the customer.

**Environment**:Finacle, SoapUI, Rest, API, Selenium, Jira, REST APIs AND Jira,Postman, TDD, BDD, DevOps,

**Discover Financial Services Mar2012 - Aug2014**

**Role: Sr Quality Analyst**

**Responsibilities:**

* Design test scenarios, and test cases and execute test cases
* Review test design and evidence of peers
* Provide functional guidance to team members
* Create a test execution run plan
* Track and monitor defect closure
* Publish daily execution reports to internal stakeholders
* Involved in Defect Triage calls with Businesses, Vendors & other stakeholders from Testing Team.
* Prepare and maintain the Requirement Traceability matrix
* Retrieving data with SQL queries from the database

**Environment:**Finacle, SQL, UAT,HP Quality Center, Black box

**Union National Bank of Abu Dhabi Nov2010 - Feb2012**

Role: Test Analyst

**Responsibilities:**

* Worked as Test Analyst from offshore and collaboratively worked as a team with the onshore counterpart.
* Work with Business analysts, Subject Matter Experts in translating customer requirements and specifications, and use cases into test packs and was involved in writing test scripts for positive and negative scenarios.
* Develop **Test Scenarios, Test Cases** to test the application according to the Requirements, Test areas, and Functional specifications of the application and update them in the **HP Quality Center**.
* Involved in **UAT testing** in the UAT environment, Preparing UAT test cases and testing estimates.
* Created test cases manually to perform different types of testing such as positive/negative, functional/regression, interface, black box, batch testing, screen navigational testing, smoke/sanity testing, unit testing, performance testing, exploratory testing, or Backend testing.
* Executing Test cases and Performed Positive and Negative testing to validate the application under test by creating Data Driven tests.
* Create and manage Test data.

**Environment:**Temenos T24, Data Driven, SQL, UAT,HP Quality Center, Black box

**Education**

**Bachelor of Engineering:** Electronics and Communications

MNM Jain Engineering College – Chennai (Aug 2005 – Apr 2009)

**Certifications**

* [**Agile** with **Atlassian Jira**](https://coursera.org/verify/ED2WXKB4ZBGZ)