Elakkiya Murugaiyan

Senior Application Test Engineer   ISTQB Certified Tester(ISTQB-CTFL) Certified Scrum Master(CSM)

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Accomplished and Proven Senior Quality Assurance and Testing Professional with Over 8+ Years of Diversified Expertise in Software Testing, Quality Assurance, Project and Team Management

PROFILE SUMMARY

"**Results-driven senior QA professional** with a proven track record of leading cross-functional teams to excellence. Proficient in implementing cutting- edge quality assurance methodologies and orchestrating robust software delivery lifecycles with effective release management strategies. Skilled in driving efficiency through innovative test methodologies, ensuring seamless software delivery aligned with organizational goals and industry norms".

KEY SKILLS

- ✓ Manual Testing
- ✓ JIRA
- ✓ HP Quality Center
- ✓ Backlog
- ✓ Mantis
- ✓ Bugzilla
- ✓ Azure DevOps
- ✓ Agile
- ✓ Scrum
- ✓ SQL

- ✓ Automation Testing
- ✓ Selenium
- ✓ TOSCA
- ✓ API Testing
- ✓ Postman
- ✓ Jmeter
- ✓ BDD
- ✓ DDD
- ✓ GIT
- ✓ CI/CD
- ✓ Jenkins

- ✓ Performance Testing
- ✓ Regression Testing
- ✓ Retesting
- ✓ Smoke Testing
- ✓ Sanity Testing
- ✓ UAT- User Acceptance Testing
- ✓ SIT- System Integration Testing
- ✓ UI & Automation Testing
- ✓ API Automation Testing

- ✓ Banking
- ✓ Insurance
- ✓ Maritime
- ✓ Logistics
- ✓ Publishing
- ✓ TestNG
- ✓ Video Management System
- ✓ Gateway Configuration
- ✓ Industrial Automation
- ✓ DCS
- ✓ TestComplete

PROJECT EXPERIENCE & RESPONSIBILITIES

Yokogawa (Web Synergies Payroll)   **Singapore**

❖ *Test Analyst*   **Nov 2024 to Present**

- Analyzed the requirements and prepared the **Test Plan** document with given schedule
- Created and maintained **UAT Test cases** for various projects based on **SRS** and **FDS**
- Executed the Test cases as per the system requirements & Conducting the Sanity Testing for every Build
- Conducted **Retesting** for every bug fix and followed up with doing **Regression** Testing for final build.
- Excel in **JIRA** for Defect reporting & follow-ups.
- Participated in scrum and sprint review meetings & Shared weekly test summary reports
- Presented **UAT** Test plans and Reports to Stakeholders

UOB (Unisys-Quesscorp Payroll)   **Singapore**

❖ *Senior Application Test Engineer*   **Aug 2022 to Oct 2023**

- Analyzed requirements and user stories to craft precise test scenarios.
- Prepare the Test Scenarios and Cases for **UAT**, enhancements, and **Business as Usual** changes.
- Executed the Test cases as per the system requirements & Supported End to End testing activities (**SIT** and **UAT** Phase).
- Excel in **JIRA for** test case design, test execution, defect identification, classification, and reporting.
- Planned and coordinated software release process across testing and production environments.
- Created and updated **release documentation** and monitored **post-release performance**.
- Compiled detailed test status reports, documented all testing activities, and effectively communicated critical issues and insights to Project Managers and Users for informed decision-making.

Solverminds solutions and Technologies   **Chennai, India**

❖ *Senior Software Tester*   **May 2020 to Jun 2022**

- Developing, Modifying and executing the **Regression, Smoke Test scripts** using **Selenium Webdriver(TestNG)**
- Verified the data through API Testing using **Postman** tool & Database Testing using **PostgreSQL**
- Validated and conducted end-to-end testing, Sanity, Regression, Functional, GUI, User Acceptance Testing (UAT).
- Perform API Performance Testing by using **JMETER**
- Led the QA team in bug identification, testing best practices, and maintaining high-quality standards.
- Used **Backlog tool** for comprehensive test case creation, defect tracking, and management.
- Provided test status reports, documented testing activities, and effectively communicated issues to Test and Project Managers.
- Preparing Use case diagram and description, Workflow list, chart and work flow description, User manual, System operating manual documents.

DXC Technology   **Chennai, India**

❖ *Professional 1 Product Test*   **Sep 2017 to May 2018**

- Analyzing and understanding the system requirements & based on that Prepared the test scenario and test cases
- Developing, Modifying and executing the **Regression, Smoke Test scripts** using **Selenium Webdriver**
- Prepared the Test Execution Report & Bug Report
- Conducted defect verification, logging, tracking, and reporting using using **JIRA** Tool
- Participated in the client meeting and handling support mail activities

Lumina Datamatics   **Chennai, India**

❖ *Associate Consultant*   **May 2016 to Sep 2017**

- Understood **software requirements** and actively participated in **end-to-end testing of workflows**.
- Preparing test scenario and test cases based on Business and Functional requirements
- Utilized **Selenium** Web testing tool for **Regression** Testing.
- Carryout continuous test process improvement with help of Metrics.
- Performed Integration testing, System testing, Retesting and Regression testing
- Prepared of Test Execution Report & Bug Report & Raised the Bugs using **Bugzilla** Tool

Hewlett-Packard   **Chennai, India**

❖ *Business Associate*   **Aug 2013 to May 2016**

- Preparing test scenario and test cases based on Business and Functional requirements
- Ensured software quality through meticulous **Manual Testing.**
- Performed Integration testing, System testing, Retesting and Regression testing
- Conducted defect verification, logging, tracking, and reporting using **HP Quality Center** and **HP ALM**.
- Delivered comprehensive test status reports, documented testing activities.

PROFESSIONAL EXPERIENCE

❖ *Test Analyst @* **Web Synergies (S) Pte Ltd**, Singapore   Nov 2024 to Present
  - ✓ Client: **Yokogawa**, Singapore

❖ *Senior Application Test Engineer @* **Quesscorp Pte Ltd**, Singapore   Aug 2022 to Oct 2023
  - ✓ Client: **Unisys**, End Client: **UOB**, Singapore

❖ *Senior Software Tester @*   **SolverMinds Solution and Technologies,** Chennai   May 2020 to Jun 2022
  - ✓ Client: **NYK Group**, Japan

❖ *Professional 1 Product Test @*   **DXC Technology**, Chennai   Sep 2017 to May 2018
  - ✓ Client: **Zurich Insurance Group**, Japan

❖ *Associate Consultant @* **Lumina Datamatics**, Chennai   May 2016 to Sep 2017

❖ *Business Associate @* **Hewlett-Packard**, Chennai   Aug 2013 to May 2016

AREAS OF EXPERTISE

Quality Assurance and Control **||** SQA Testing Methodologies **||** Performance, Load, Stress Testing **||** Agile and Waterfall Methodology **|| ||** Bug/Defect Life Cycle **||** Requirements Analysis **||** Team Building and Mentoring **||** Deposit domains **||** Agile Testing **||** Core Banking **||** Test Planning and Execution **||** Test Strategy Development **||** Test Case design and documentation **||** Database Testing **||** Analytical Skills **||** Test Data and Environment Management **||** Test metrics and Reporting **||** Defect Management and Tracking **||** Test Process Improvement **||** Risk-Based Testing **||** Test Coverage Analysis **||** Test Estimation **||** Project Planning **||** Stakeholder Communication and Coordination **||** Cross-Functional Team Leadership **||** Agile Release Planning **||** Continuous Release Process **||** Release Documentation and Standardization

CAREER HIGHLIGHTS

QUALITY ASSURANCE/MANUAL TESTING

- **Requirement Analysis:** Skilled in software requirement analysis, technical documentation, and proficient bug reporting.
- **Comprehensive Test Strategies:** Expert in devising and executing varied methodologies to ensure high-quality, defect-free software delivery.
- **End-to-End Implementation:** Proficient in overseeing the complete Software Development Lifecycle (**SDLC**) and Software Test Lifecycle (**STLC**).
- **Process and Standards Enforcement**: Establishing and enforcing testing and standards, ensuring consistency, compliance with industry best practices.
- **Versatile Methodologies:** Demonstrates strong expertise in navigating both **Waterfall** and **Agile software development** environments.

TEST AUTOMATION MANAGEMENT

- **Automation Strategy:** Developed and implemented a comprehensive test automation strategy aligned with organizational goals.
- **Process Evaluation:** Evaluated existing processes to identify opportunities for automating repetitive and manual testing tasks.
- **Script Management:** Oversaw the creation, maintenance, and enhancement of automated test scripts.
- **Tool Evaluation:** Led the evaluation of test automation tools and technologies, aligning them with product automation needs.
- **Regression Testing:** Demonstrated expertise in regression testing using **Selenium, Postman and Leapwork** automation tools.
- **Tool Proficiency:** Utilized **JIRA, Azure devops, Bugzilla and Backlog tools** for executing test cases, defect identification, classification, and resolution.

LEADERSHIP and TEAM MANAGEMENT

- **Cross-Functional Leadership:** Excel in leading cross-functional teams through all phases of the software development lifecycle, from requirements analysis to release and post-deployment support.
- **Fostering Collaboration**: Established leadership in fostering collaboration, mentoring, and cultivating a culture of quality. Proficient at identifying discrepancies, reporting defects, and utilizing tracking tools for effective resolution.
- **Team Management:** Skillful in testing software products and efficiently managing the team to deliver applications/software
- **Communication Skills:** Possess strong leadership and communication skills, dedicated to continuous process improvement.
- **Testing Initiatives:** Demonstrated in **leading testing initiatives**, managing **cross-functional teams**, and ensuring the delivery of high-quality products.

RELEASE MANAGMENT

- **Root Cause Analysis:** Identified root causes of product issues, enabling swift resolutions and continuous improvements through collaboration with cross-functional teams.
- **Documentation:** Created and updated comprehensive **release documentation, release notes**, deployment guidelines, and **rollback procedures**.

EDUCATION DETAILS

- **Master of Computer Applications** (**MCA**),Bharathidhasan University – Trichy, Tamilnadu, India
- **Bachelor of Science in Physics(B.Sc.),** Bharathidhasan University – Trichy, Tamilnadu, India

PROFESSIONAL TRAINING/CERTIFICATIONS

- Certified **Scrum Master (CSM)** from Scrum Alliance, India in 2024
- Certified **ISTQB (CTFL) Tester** Fundamental Level from ISTQB, India

PERSONAL DETAILS

- **Nationality:** Indian
- **Current Location:** Singapore
- **Pass Type:** Dependent Pass/Work permit
- **Residential Address:** Blk 484, Jurong West Avenue 1, Singapore-640484
- **Passport No.**- T6589241