**Madhan Panneerselvam**

Having 6 years of experience in **Automation Testing** along with Internal Project Management Activities skills, seeking to achieve excellence in a challenging and creative work environment adding value to team and organization. Proficient in Application lifecycle Management Tool (HP Quality Center 9.5), Bug tracking tool (Jira), Continuous Integration (Jenkins) and developing automation scripts using Selenium (Web Driver, Cucumber) for Functional and Regression testing and developing scripts using Java Rest Assured for API testing. Has strong interpersonal and analytical skills and comes with the experience of working in multicultural client environments. Has experience in Application Understanding, Designing and Executing Test scripts in Automation for Regression testing, Functional testing, Mobile testing.

**Testing Experience (Automation)**

* Expertise in automation web, API, mainframe, database, mobile and desktop application using **UFT and Selenium**.
* Highly proficient in Stubbing responses using **WIREMOCK**.
* Designed automation test cases for API using **Java Rest Assured- Genie framework** combination.
* Designed automation test cases for hybrid android and IOS application using **Perfecto-Quantum framework** combination
* Highly proficient in designing and maintaining hybrid and keyword automation framework for UFT.
* Worked in Behaviour driven development framework – cucumber in selenium with included **Maven and TestNG** integration.
* Proficient in CI-CD tools like **Jenkins**.
* Also played the Techno-Functional role in earlier project due to extensive domain knowledge in Insurance vertical.
* Able to perform reliable effort analysis and to prioritize efforts.
* Introduced best practices in team by developing applications and accelerators.
* Experienced in requirement analysis, Test Design, Execution, Test Management and Various Reporting.

**Technical Skills**

**Testing tools**  **:** Selenium (WebDriver), UFT

**Test Management Tool** **:** Confluence, HP Quality Centre 10.0

**Languages**  **:** Java, Python and VBScript

**Test Approach** **:** BDD (Cucumber - Gherkin), TDD (Traditional)

**Defect Tracking** **:** Jira

**Database :** Oracle

**Browsers** **:** Firefox, Chrome

**Operating Systems** **:** Windows XP/Vista/7/10

**Office Software** **:** MS Office (Word, Excel, PowerPoint)

**Continuous Integration** **:** Jenkins

**Configuration Management** **:** Github, Bitbucket

**Stub :** Wiremock

**Education**

* Pursued **Bachelor’s Degree in ICE** from **St JOSEPH’S COLLEGE OF ENGINEERING** (Anna University) with 77% -2013

**Work Experience**

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| --- | --- | --- |
| Maveric Systems Ltd. | Senior Software Enginner | Aug 2017 – Present |
| Cognizant | Associate | Sep 2013 – Jul 2017 |

Project Experience

**Role: Senior Software Engineer**

**Client: – SCB**

**Project: Pegasus**

**Duration: 8 Months**

**Description:**

Pegasus project aims to provide instant deposit and withdrawals to the customers by leveraging a combination of The Bank’s internal transfers and the HK Faster Payment System (FPS).  Automation team was involved in the End to End Automation for Real Time Direct Debit Creation and Transaction (Collections) and Outward Credit (Payments)

**Responsibilities:**

* Developed E2E Automation scripts using Java Rest assured in Genie Framework.
* Developed RCMS Standalone scripts and E2E Scripts for EDDA modules using Genie Framework
* Implemented message pushing and retrieving through Solace as part of RCMS standalone automation.
* Implemented STUB for downstream application to run Standalone cases without any application dependencies
* Implemented CI/CD Integration using Jenkins pipeline job
* Created custom functions for reusability, designed in a way to reduce the maintenance efforts.
* Implemented log verification of E2E process using Oracle DB and Kibana.

**Role: Senior Software Engineer**

**Client: – CITI Bank (APAC)**

**Project: Core Mobile 63 -** (Digital – Mobile Application) – Credit Card

**Duration: 1 Year**

**Description:**

CITI Bank has engaged in re-designing the existing mobile app to provide highly responsive and much user experience Mobile app for their cards only Customers. It was initially planned to rollout for Singapore and Hong Kong. Later it was rollout to other APAC countries (Malaysia, Philippines, Thailand, Indonesia and Vietnam).

**Responsibilities:**

* Customized and implemented Quantum – Perfecto Framework
* Created 100 % BDD – Inline Scripting
* Developed custom functions for reusability.
* Developed the regression and sanity suite.
* Parallel execution using multiple devices and OS versions
* Handled 3 member automation team
* Provide technical solution and solve issues faced by team
* Managed RTS tool for batch and regression execution
* Used HP ALM to maintain scripts execution status and for defect management.

**Project: GEICO**

**Role: Product Specialist**

**Duration: 4.1years**

**Responsibilities:**

* Understand detailed requirements, drive artifact creation and knowledge building for products in focus.
* Understand the product specific configuration & customization requirements, apply reusable solutions based on the experience and knowledge of the product to create the test strategy, test Automation tools & framework.
* Automation Design & Execution with CRAFT tool and generate Regression Suites.
* Monitor test design and development, defects, timelines and project health, with the objective of building capability in products within the company guidelines.
* Interacting with the Client for clarifications and Onsite/offshore Coordination.
* Responsible for monitoring & tracking project details and milestone dates.
* Responsible for Offshore Team Management, Task allocation, Coordination & Mentoring new resources.
* Test design\Test script preparation and reviewing the Test Scripts.
* Preparing weekly & monthly status report.
* Framework and Application KT for newly on boarded resources into the project.
* Execution of the test scripts for multiple test cycles.
* Defects logging & triage in Test Management Tools.
* Implementation of Processes and Best Practices in the project.
* Mapping requirements on the Requirement Traceability Matrix.