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| Professional Summary |

**Marimuthu C has** around6 years in SDET **QE (**Mobile Automation, Web Automation, and API Automation testing, java development**)**. I have strong interpersonal and analytical skills and comes with the experience of working in multicultural client environments.

Professional Experience – Highlights (Primary Skill)

* Around 6 **Years** of industry experience in **Web Automation, Mobile Automation, Functional Testing** and **API testing.**
* Expertise in Developing frameworks in BDD and TDD approaches.
* Developing the automation test script in Selenium Web Driver using java based on the design pattern **Page Object Model** for reusability**.**
* Prepared test cases using Data Driven & Hybrid Framework.
* Maintain and develop mobile device test framework using **Appium** Tool
* Hands on experience in **Native Apps and Web apps.**
* Experience on working with **TestNG** and **Extent Reports** for Automation Testing Reports.
* Hands on experience in **CI/CD Approach**.
* Hands on experience in both **DIT** and **UAT Environment.**
* Strong working knowledge in **TestNG Testing** for Business Service Implementation.
* Provide support for **JMeter** Load testing.
* Excellent knowledge of Windows systems.
* Experience with code repositories **(Git),** continuous integration tools **(Jenkins, Maven)**
* Good experience of build tools like **Maven** and managing JAVA automation projects using them
* Good experience of Agile Scrum processes
* Good knowledge in Testing framework development and tool development with core java
* Proven ability in Working individually or as a part of team, Problem solving, Process improvement activities, Analytical skills, Reporting and Assisting to Manager
* Good knowledge with API testing frameworks using tool Rest Assured JAVA Library.
* Involved in different phases of Software Testing Life Cycle (STLC).
* Involved in different phases of Software Development Life Cycle (SDLC).
* Having good experience in JIRA/Unfuddle for Bug Life Cycle
* Involved in Preparing Bug Report and Defect Tracking Process.

Credits

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| **Languages Known** | Core Java, Java 8 |
| **Database** | SQL Server |
| **DevOps Tools** | Jenkins, Git, Bitbucket |
| **Development Tools** | Selenium IDE, Selenium WebDriver, Android Studio, Xcode |
| **Java Frameworks** | Java Streams, Java 8 Streams and Lambda Expressions |
| **UI Automation Frameworks** | Appium and Selenium |
| **Testing Framework** | JUnit and TestNG |
| **Web service Testing** | Rest Assured, Postman |
| **Protocols Used** | API (Json), HTTP |
| **Server** | Apache Tomcat Server, Windows servers |
| **Version Control** | Bit Bucket, Git |
| **Team Collaboration** | Slack |
| **Methodology** | Agile Scrum |
| **Domain Experience** | SAP, ERP & Gaming Applications |

Awards & Recognition

* Got Top Performer Certificate 2 times in Digient Technologies

Certifications and Courses

* Mobile Automation with Appium course done in Udemy and got certification.
* Rest Assured API Automation course done in Udemy and got certification.

Educational Qualification

* Bachelor of Engineering in Computer Science from National Engineering College (Affiliated to Anna University, Chennai).

Project Experience

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| **Client: EJADA**  **Project Type: Region MESA**  **AUT: SIT**  **Frameworks: Rest Assured, SOAP, Postman TOOL, Newman Packages, Selenium, Data driven, Java, Java Streams, and Custom Framework**  **Database: Oracle**  **Language: Java and Java Script**  **Products: AL Rajhi Bank**  **Protocols Used: API (XML’s, JSON, YAML, WSDL)**  **Version Control: Bitbucket**  **Role: Senior Software Engineer**  **Duration: 04 Months** | **Description of the project:**  The Al Rajhi Bank is a Saudi Arabian bank and the world's largest Islamic bank by capital based on 2015 data. The bank is a major investor in Saudi Arabia's business and is one of the largest joint stock companies. AL Rajhi Bank managing different kind of applications for their customers. Here we are performing API Testing.API testing is the direct testing of APIs and integration testing to see if APIs meet functionality, reliability, performance, and security standards. APIs typically do not have a graphical user interface and we usually test them at the message layer. APIs are the primary interface to application functionality and testing them is important because frequent changes are common in Agile software development and DevOps workflows.  **Responsibilities in the project:**   * Conducting meetings with Business and Requirement Analysts to gain complete understanding of Business and Technical requirements. * Attended daily standup meetings, provided daily status on manual and automation test results. * Understand the requirements from API Scope Documents and Client. * Prepare the scenarios based on the requirements. * Creating and maintaining test documentation, including test plans, test cases, and test scripts * Collaborating with development teams to ensure that APIs are testable and to identify areas of the API that need to be tested. * Executing APIs manually and reporting on test results. * Investigating and troubleshooting test failures. * Identifying and reporting defects in the API. * Identifying Test cases for Automation then Designing & Implementing Test Automation Strategy. * Created and Verified Web services API (SOAP, Rest Assured API) requests. * Experience in Restful web service testing using Rest Assured Framework Java. * Validated JSON Formatted data and different HTTP Status Codes like 200,201,400,404,500 etc. * Validated SOAP Formatted data using SOAP UI Tool. * Validated YAML Formatted data using Online Swagger Tool. |

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| **Client: Bollybet, Betbarter, Satbet**  **AUT: QA**  **Frameworks: Selenium, Appium, Data driven, Java Script Executor service, Java Streams, Java 8, Custom framework**  **Database: Mongo DB**  **Language: HTML, CSS, Java and Java Script**  **Products: Gaming Application**  **Protocols Used: API(JSON)**  **Version Control: Bitbucket**  **Role: Manual & Automation**  **Duration: 3.1 years** | **Description of the project:**  Bollybet, Betbarter and Satbet are the online casino applications. Game is classified into Casino and Live Casino. Most Popular, Top Indian, Newest, Jackpot, Slot, Bingo, Video Poker, Table and Virtual Sports categories games are available in Casino. Most Famous, Indian Top, Latest, Roulette, Blackjack, Baccarat, Card, Poker and Live Table categories games are available in Live Casino.  When user is registered with our application, we send the Registration success mail to their email accounts. After they verified their accounts, Deposit and Wallet functions are activated to their account. We validate all the categories games in both Casino and Live Casino. We validate the user’s profile details too. We mainly focused on user’s deposit and withdrawal functions. We prepare our application with Back Office support. If any issues found on deposit or withdrawal function, we solve the customer’s issues immediately via this back office. We validate the user’s KYC documents through this back office. If the documents are valid, we approved the KYC for them to activate the operation of withdrawal.  **Responsibilities in the project:**   * Conducting meetings with Business and Requirement Analysts to gain complete understanding of Business and Technical requirements. * Attended daily standup meetings, provided daily status on manual and automation test results. * Identifying Test cases for Automation then Designing & Implementing Test Automation Strategy. * Involvement in Selenium Environment Setup and Automation Framework Design and Implementation. * Maintain and develop Mobile Device test framework using Appium tool. * Performed Mobile APK & Browser Automation testing in Android using Appium Tool * Creating, Enhancing, debugging, and Running Test Cases. Organizing, monitoring defect management process. Handling changes and conducting Regression Testing. * Finding solutions for Object Identification issues and error handling issues. * Co-coordinating Test team members and Development team in order to resolve the issues. * Interacting with client-side people to solve issues and update status. * Provided support in the performance testing using JMeter task includes developing Test plan, Test script and Reports. * Provided support in the Distributed Load Testing using JMeter task includes developing Test plan, Test script and Reports. |

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| **Client: Traffic Control and Communication**  **AUT: STAGE**  **Frameworks: Selenium, Rest Assured, Data driven, Java Script Executor service, Java Streams, Java 8, Custom framework**  **Database: Mongo DB**  **Language: HTML, CSS, Angular JS, Java and Java Script**  **Products: ERP Application**  **Protocols Used: API(JSON)**  **Version Control: Bitbucket**  **Role: Manual & Automation**  **Duration: 1.2 years** | **Description of the project:**  TCC is a web application, which is used with Azure Cloud computing Services. This application has totally 7 modules; they are **Dashboard, Project, Company, Vendor, Job, Task, and User Management**. In this Project, we can create a new Project, Company and Vendor details. Create a new job based on the locations of Hong Kong, Singapore, New York, Shenzhen, Beijing and Manila. We can create a Typesetting, Translation, Printing, Design and Distribution tasks for a job. These tasks are created by PM (Project Manager) roles. PM assigned these tasks to Central Traffic to distribute the tasks based on the locations. We are working in Typesetting and Translation and Design tasks. These typesetting tasks are assigned to Traffic by Central Traffic based on the locations (Ex: Hong Kong - Traffic). Traffic assigned this typesetting task to DTP. DTP prepared the typesetting documents and page pushed to QC. Then QC validated the documents and page pushed to PM. Finally, PM checked these documents and closed the task. When PM creates a Translation task, it is assigned to Translation Coordinator default. Likewise, Translation Coordinator assign translation task to Translator. Translator prepared the documents and sent to QC. Then QC validated the documents and page pushed to PM. Finally, PM checked these documents and closed the task. When PM creates a Design task, it is assigned to Design Head default. Likewise, Design Head assigned design task to Designer. Designer prepared the documents and sent to QC. Then QC validated the documents and page pushed to PM. Finally, PM checked these documents and closed the task. User Management module is used to set the configuration for the roles in the application.  **Responsibilities in the project:**   * Experience in preparing Cucumber **feature files** (User Stories) and automated the feature file using Selenium. * Involved in design and implementation of **Selenium Web Driver** automation framework for Smoke and Regression test suites (TestNG and Maven). * Involved in testing the application utilizing the**Scrum (Agile)** methodology. * Involved in designing of **Automation framework** to be used in UI testing with **Selenium**. * Performed functional tests using **Selenium Web Driver**with data driven framework. * **Identified, Reported**and**Tracked Defects**using JIRA tool. * **Manually tested**, **verified** and **validated** that the product meets user requirements. * Experiences on API Automation Testing using **Rest Assured** and **Postman.** * Communicating with development staff for Test Planning * Creating test scripts, developing test cases and scenarios, Ensuring code functionality, performance and security * Identifying code defects, implementing strategies to enhance testing. * Created and Verified Web services API requests. * Experience in Restful web service testing using Rest Assured Framework Java. * Validated JSON Formatted data and different HTTP Status Codes like 200,201,400,404,500 etc. |

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| **Client: Delight Customer (C4C)**  **AUT: QA**  **Frameworks: Manual Testing, Selenium, Data driven, Custom, Java Script Executor service, Java Streams, Java 8, Custom framework**  **Database: Mongo DB**  **Language: HTML, CSS, SAP and Java Script**  **Products: CRM Application**  **Protocols Used: API(JSON)**  **Version Control: Bitbucket**  **Role: Manual & Automation**  **Duration: 1.1 years** | **Description of the project:**  IDP Education is an international student placement consultant with a network of over 100+ international student placement centers, providing services to both students as well as universities. C4C application is the next step from desktop application to web application. We are making our product to be more customer focused and user friendly to various universities for submission of applications for different countries.  This application has totally 6 modules; they are **Application Management, Document Management, Student Essentials, IDP Direct, Knowledge Base and Course Selection**. I worked on Application Management and Document Management modules. **In Application Management,** we create a new student contact details by enter the student’s mandatory details and set the status as Application Preparation. Student can choose the courses from the Universities as per the availabilities. After this, submit this application to university and set the status as Application Submitted. If the university offers the course to student, Counselor informed to student about the offer and set the status as Offer Accepted By student. Probably, Student not able to accept the offer, Counselor set the status as Offer cancelled with reasons.  **In Document Management**, Student’s academic, IELTS exam, work experiences, Visa, Medical documents are collected and submitted to the university at the time of Application submission.  **Responsibilities in the project:**   * Conducting meetings with Business and Requirement Analysts to gain complete understanding of Business and Technical requirements. * Attended daily standup meetings, provided daily status on Manual and Automation test results. * Designed and Developed the Automation Test Scripts using Selenium Web Driver using Java. * Reviewed the Test Reports using TestNG. * Developed Test cases using Element Locators and Selenium Web Driver methods. * Enhanced Test cases using Java Programming features and TestNG Annotations. * Execution of Selenium test suite and developed reports and reported defects. * Involved in Retesting and Regression Testing using Selenium Web Driver. * Developed and executed **SQL queries** to verify the proper insertion, deletion, and updates into the tables. |