**Paulraj Madasamy**

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***PROFESSIONAL SUMMARY:***

* **10 years** of experience with software development and testing
* Leadership & learning: Lead offshore delivery teams, on-time completion and fast learning of new approaches to technology
* Team work: Excellent communication, project team co-ordination, conflict resolution and rapid defect resolution
* Clients include: **Standard Chartered Bank(SCB), Bank of America (BOA), Checkealos, Kanna Silks, Her Majesty’s revenues and customs (HMRC –client location UK), Common Wealth Bank of Australia (CBA), Bank of Ireland**
* Sectors include: **Investment Banking, Core Banking, Payments(PSD2) Finance, Mobiles (Android, iOS & Windows), Point-of-sale terminals, Public sector UK (taxes) and Web applications**
* Expert in mainframe handling: testing data validity and integrity
* Doubled up as a full-time developer in several sprints
* Implemented simple and efficient automation testing framework for accommodating continuous changes to evolving user interface (UI)
* Redesigned a simplified framework for enabling effective knowledge transfer, learning and practical understanding for new agile team members. Reduced learning time to 1/7th of the current time
* Provided knowledge transfer, training and training assessment for 300+ QA engineers and developers and helped with cross-skill training within tech teams
* Full expertise with Agile and Waterfall software development methodologies
* Enthusiastic about bringing in new ideas and dynamics to current flows within testing environment
* Learned implementation of PI, created image for specific to the team, created dashboard fetching data from different service environments to calculate the values in PI and facilitated instant display of the values in the dashboard. Demonstrated the use of PI to the team
* Expert mobile OS: Impact analysis of OS upgrades and solutions

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***QUALIFICATIONS & CERTIFICATIONS:***

* **Masters in Computer Applications**. Karunya University, 2010-2013
* **Bachelor of Science**, Computer Science, Manonmaniam Sundaranar University, 2004-2007
* **Application tester certification**, Massachusets Institute of Technology, 2015
* **Certified Selenium professional**, V Skills, Reg no. 7753, 2015
* **Certified in Credit Cards for Bankers**, Indian Institute of Banking and Finance, 2015
* **Completed Basic and Advanced Scala training**, CA technologies, 2016

***TECHNICAL EXPERTISE:***

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| --- | --- |
| SDLC | Water fall, Agile, Kanban |
| Operating Systems | Windows, Linux , Unix, Macintosh |
| Databases | Oracle 9i, 11g, SQLite, DB2 |
| Testing Automation tools | Selenium, Cucumber, Jbehave, Protractor, Jasmine, UFT, LeanFT |
| Cloud Platform | Browserstack, Soucelabs, Perfecto mobile, AWS |
| Test Management tools | Quality Center, Application Lifecycle Management, JIRA |
| Reporting / Unit Testing tools | Junit, TestNG |
| Programming Language(s) | Scala, VB, Java, C#, Ruby, HTML |
| Scripting Language(s) | VB Script, Java Script |
| Web service testing tools | SOAPUI NG Pro, Postman, CA LISA |
| Continuous Integration tools | Jenkins, Travis, Teamcity |
| Performance Testing | Gatling, JMeter, Grinder, HP Load runner |
| Framework(s) | Splunk SDK, Android SDK, Selenium, Jasmine, OBIEE, .Net, Play, Ionic |
| Code Version Controller Tool(s) | Perforce, SVN, GitHub, Bitbucket |
| IDE(s) | Eclipse, NetBeans, intellij, Visual Studio, QT, Webstrom, Atom |
| Penetration Testing tool | ZAP |
| Analytics Dashing Board | Dashing, Kibana, Grafana, Splunk, Google Analytics |

***PROFESSIONAL EXPERIENCE:***

**HCL Technologies, India.**

**Test Lead,** Nov 2017 – till date

**Standard Chartered Bank, India.**

**Senior Automation Engineer,** June 2017 – Sep 2017

**Checkealos, Spain.**

**Testing Consultant,** Feb 2017 – June 2017

**Accenture Services Pvt Ltd, Chennai**

**Application Development Analyst**, Aug 2013 – Feb 2017

**Magna InfoTech, (for Accenture Services Pvt Ltd)**

**Intern**, Feb 2013 – Aug 2013

**Xenon Technologies, Chennai**

**Software Engineer,** May 2007 – Jul 2010

**PROJECT PROFILE:**

***#Project-1***

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| --- | --- |
| **Project Name** : PFS - Payment Fraud System | |
| Client | Bank of Ireland |
| Testing Approach | Manual Testing, Automation Testing, Service Testing, Mainframe Testing |
| Technology used | JIRA, VB Script, Windows shell script, Selenium, Cucumber, jbehave, Java, Groovy, Jenkins, SVN, IBM MQ, Splunk, Maven |
| Duration | December 2018 – till date |
| Role | Automation Architect |
| SDLC | Agile, Kanban |

**Project Description:**

Worked as Automation Architect for the Client Bank of Ireland. The PFS project is to identify fraud payment when the payment happens with bank of Ireland inbound and out bound transactions. The project involves with third party development team Mainframe and clients who is in Ireland.

**Achievements:**

* Handled Automation testing, manual testing teams
* Performed role as Automation architect
* Created automation testing of accommodating backend changes in the PFS core and also covered the database testing for various type of DB
* Created service automation testing framework to verify the transaction messages and the changes happening in the services side using Postman and SOAPUI
* Simplified and redesigned automation framework for effective which adoptable for new joiners
* Configured Jenkins with automation scripts that cater the execution easier along with development pipeline
* Created a batch file to run the scripts in the machines which doesn’t have IDE installed
* Remodified the automation approach by adding more manual testers involvement into automation script contributions in the percentage of 80% manual support and 20% automation support

***#Project-2***

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| **Project Name** : Custos – Investment Banking Sector (Fenergo and CommSee) | |
| Client | Common Wealth Bank of Australia |
| Testing Approach | Manual Testing, Automation Testing, Service Virtualization |
| Technology used | LeanFT, JIRA, Adapdivist, VB Script, Windows shell script, Selenium, Cucumber, Node JS, C#, Java, Groovy, Teamcity, SVN, Kafka, Splunk, LISA, Nuget |
| Duration | November 2017 – December 2018 |
| Role | Test Lead |
| SDLC | Agile |

**Project Description:**

Worked as Test Lead for the Common Wealth Bank of Australia. The Custos project is to onboard the customers related to investment banking. The project involves with third party development team from Ireland (Fenergo) and clients who is in Australia.

**Achievements:**

* Handled Service automation, frontend automation, manual testing teams
* Performed role as Automation architect
* Created automation testing of accommodating backend changes in the Fenergo application which developed using Node JS framework and on-the-go user interface (UI) changes using LeanFT and Selenium
* Created service automation testing framework to support the virtualization and the changes happening in the services side using CA LISA and SOAPUI NG Pro
* Simplified and redesigned automation framework for effective which adoptable for new joiners
* Configured MTM (Microsoft Test Management) with automation scripts that cater the execution easier
* Identified bug in while doing AAT, SIT, UAT provided development support and helped development team in fixing the bug
* Created a batch file to run the scripts in the machines which doesn’t have visual studio installed
* Remodified the automation approach by adding more manual testers involvement into automation script contributions in the percentage of 80% manual support and 20% automation support

***#Project-3***

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| **Project Name** : eBBS – RLS MOA (Retail Lending System) | |
| Client | Standard Chartered Bank |
| Testing Approach | Automation |
| Technology used | UFT, ALM, VB Script, Windows shell script, Linux batch script, Selenium, Cucumber, Angular JS, Protractor, Jenkins, SVN, JIRA, Splunk, LISA |
| Duration | June 2017 – September 2017 |
| Role | Senior Automation Engineer |
| SDLC | Agile |

**Project Description:**

Worked as Senior Test Automation Engineer for the Standard Chartered Global Business Services, Chennai. The eBBS - RLS MOA project is to interact the core banking engine system across SCB Consumer banking markets. This includes refining and standardizing credit risk management system to support risk based pricing, bundling, count. The eBBS will facilitate seamless end-to-end processing of an application covering multiple functions / roles.

**Achievements:**

* Supported the service potentially used by more than 50K bankers and more than 70 countries
* Created automation testing of accommodating backend changes in the core banking application and on-the-go user interface (UI) changes using UFT (Unified Functional Testing), Selenium and Protractor
* Simplified and redesigned automation framework for effective which adoptable for new joiners and developers
* Configured ALM (Application Lifecycle Management) with automation scripts that cater the execution easier
* Identified bug in live service while doing UAT, provided development support and helped development team in fixing the bug
* Created automated local box to extract the required libraries which supports testers and developers to test the application in the localhost itself (manual work will take more than 3 hours)
* Presented the newly created framework which supports upload and download transaction verification in flat file level and database level to the whole testing team (70+ participants)
* Created an application to automate the SQL query generation

***#Project-4***

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| **Project Name** : Checkealos – User Research Team | |
| Client | Checkealos – Spain and Newcastle |
| Testing Approach | Automation |
| Technology used | Selenium, Cucumber, C#, Ruby, Angular JS, Protractor, Appium, AWS, Grinder, Github, JIRA, ZAP, Google Analytics |
| Duration | February 2017 –June 2017 |
| Role | Testing Consultant |
| SDLC | Agile |

**Project Description:**

Worked as Testing Consultant for the Checkealos, Spain and Newcastle upon Tyne. The project is supporting digital user experience from the users by recording their sessions and provides feedback to the clients, which aims to make the services simpler, clearer and faster for remote testers, and more efficient for client.

**Achievements:**

* Supported the service potentially used by more than 100 K testers and researchers worldwide
* Simplified and made efficient automation testing of accommodating on-the-go user interface (UI) changes
* Simplified and redesigned framework for effective for API testing which adoptable for new joiners
* Identified bug in live service, provided development support and helped development team in fixing the bug
* Created performance test suite using Grinder
* Experienced with functional web services tests using Postman
* Created MOCKS for web services and acceptance tests using Ruby

***#Project-5***

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| **Project Name** : Digital Inheritance Tax (IHT) | |
| Client | Her Majesty’s Revenues and Customs - Newcastle upon Tyne |
| Testing Approach | Automation, Manual |
| Technology used | Selenium, Cucumber, Scala, TestNG, Angular JS, Protractor, Ruby, Github, SBT, JIRA, Gatling ,ZAP, Dashing, Kibana, Grafana, Splunk |
| Duration | October 2015 – October 2017 |
| Role | Software Developer in Test |
| SDLC | Agile |

**Project Description:**

Worked as Software Developer in Test within the Her Majesty’s Revenues and Customs (HMRC) Digital Delivery Centre in Newcastle, supporting the Government Digital Service transformation program, which aims to make public services simpler, clearer and faster for users, and more efficient for government.

**Achievements:**

* Supported the service potentially used by 1 million UK citizens
* Simplified and made efficient automation testing of accommodating on-the-go user interface (UI) changes
* Simplified and redesigned framework for effective knowledge transfer and new team member learning
* Identified bug in live service, provided development support and helped development team in fixing the bug
* Provided Knowledge transfer for 20+ resources
* Created performance test suite using Gatling which enables to test more than million users with short span time and analyzed the performance of the application using Graphite dashboard
* Experienced with functional web services tests using Postman
* Created MOCKS for web services and acceptance tests using Scala
* Created Dashboard for the live service with complicate metrics in Raspberry PI
* Several sprints worked as full time developer

***#Project-6***

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| **Project Name** : Ecommerce Banking (Mobile Banking) | |
| Client | Bank of America – Offshore location (Chennai) |
| Testing Approach | Automation, Manual |
| Technology used | Selenium, Cucumber, Core Java, Python, C#, Perforce, Perfecto, TestNG, SOAP UI, Load runner, JMeter, Maven, HP Quality Center, JIRA |
| Duration | May 2013 to September 2015 |
| Role | Test Automation Engineer |
| SDLC | Agile, Water fall |

**Project Description:**

Worked for a multinational banking firm which involves testing and development of online web and **Mobile E-Commerce application**.

Worked for Mobile Application development team of the same ecommerce project, also have the exposure to web, mobile based testing in Sauce lab and Perfecto Cloud Selenium automation.

Also worked in Mainframes for testing the nature of the data in different environments, like account maintenance, fraud maintenance, etc.

**Achievements:**

* Involved in leading the team, Requirement analysis, designing of Test Plan, Test Scripts from the BRD documents
* Worked as offshore feature lead for 4 members team
* Involved in development of automation scripts using Selenium and Cucumber, also scheduling with Jenkins
* Checked the code changes all the time before the build is transferred to the SIT testing team, as well to the production certification team
* Had been SME for test data conditions
* Raised many high severity and priority defects
* Provided support to the vendor development team on finding the root cause, and helping in the issue fixing
* Attended Defect Calls, Status calls, Client calls, and framework change control calls
* Knowledge transition to new members in the team (Business Related training, new technology update sessions)
* Analyzed the updates occurred in the latest mobile OS. Based on the updates providing the change control suggestions to the Project Leads
* Experienced with functional web services tests using SOAP UI. Also I have maintained tasks which run periodically in Jenkins
* Created MOCKS for web services testing
* Limited experience in using Load Runner in Web and Web services

***#Project-7***

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| **Project Name** : POS (Point Of Sale) | |
| Client(s) | Kanna Silks, Pothys. – Chennai |
| Development & Testing Approach | Automation & Manual Testing, Implementing in Client Locations |
| Technology used | Excel, VB.Net, SQLServer and QTP(UFT) |
| Duration | May 2007 to July 2010 |
| Role | Software Engineer |
| SDLC | Water fall |

**Project Description:**

Worked for an India based firm which involves developing and delivering business needs. (Like Billing Applications, Website development)

**Achievements:**

* Understanding the Requirements, Design specifications and the Functional documents
* Involved in Unit Testing
* Involved in Sanity, Functional, Integration, System, Regression, and Defect Verification testing
* Created Automation scripts using QTP
* Defects Reporting and Tracking them till closure

**Frameworks/Tools Developed:**

* QC Data Puller – The fully featured dashboard for QC 11.5. This tool helps testers and leads to access the details from the Quality Center, without opening the Quality Center Application. The tool impacts huge changes to the Client. They updated this tool in their Innovation repository as well. The tool developed in VB.Net (Desktop Application) and C#(Web portal)
* RFR & RFC Auto mailer – The auto mailer code concept uses the Outlook macro to automate the defect pulling process. Automatically all the defects mentioned in the filter would be pulled and a mail would be sent to those who all are having their defects in the list with developer comments.
* Splunk Personalized Log puller: The tool created to pull logs from the flat file system (log repository). This helps QA, Developers, BA, LOBs to get the important logs like OTP code, OS specific logs, service logs. In additionally one API has created to overcome the dependency of OTP codes for live automation execution.
* Encryption Framework: This is a framework that developed for encrypting and decrypting the values. The main purpose of this framework is to update the encrypted user credentials in the code repository, since the code is visible for everyone those who all are having access for the code space.
* Local Box: This is an application that developed to cater the service deployed in local machine for the respective product versions. The application helps to save more than 3 hours of time to deploy. Also it helps the testers and developers to do the deploy the application in parallel.

***PERSONAL PROFILE:***

* Full Name : Paulraj
* Father’s Name : Madasamy
* Date of Birth : 30 – 05 – 1987
* Citizenship : Indian
* Blood Group : B+
* Language Known : English, Tamil
* Awards : Second place in National Lever Project Competition held by Computer Society of India (CSI), Twice awarded for technology innovations from Accenture, Got various awards for training with TEX achedemy in HCL.