RAJU KAKUMANU

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# Work Summary:

An ISEB Intermediate Level certified talented & enthusiastic **QA Automation &Performance Analyst over 12 years** of experience in Software Testing on Investment Banking, Finance, Insurance, Public and Retail domains. Expertise in defining test scope, writing and executing test Strategy, test plans, estimation, defect tracing/triage, scripting, executing both manual and automated tests. Fully conversant with all aspects of the Testing and Project Lifecycle with excellent expertise in Automation (UI ,REST API, Mobile Apps), Performance End to End, System Integration, Regression, , UAT systems analysis and problem solving.

Experience in working IBM SPM Curum,CMS,CRM MS Dynamics, Base 24, Retail payments (RPS),Documentum, Retail systems ,Web based, Client server Applications, migration of legacy systems. Expertise of using structured methodologies in conjunction with testing tools like **Selenium, webdriver IO, Appium, Cucumber, Rest Assured, JMeter, SoapUI, Postman, Newman, Fiddler, Swagger, Bit bucket, Gitlab, Serenity, Docker, AWS,DynamoDB,Cognito, QC and JIRA**

A self-motivated and passionate individual with a proven track record of success, excellent team player, proactive approach to issues, excellent communication skills and is ideally seeking a new role, which will prove to be both a personal and professional challenge

**Key Skills:**

● Testing –Skilled in UI Automation (Selenium Webdriver, Appium, webdriverIO, Cucumber, Serenity), Functional ,SOA (WSDL, SOAP, REST, Rest Assured), Non functional (Jmeter App Dynamics, Hyperic Monitoring),GUI, UI/UX, System integration, user acceptance, Batch, Regression, operational acceptance, and hardware testing with focus upon the Agile Scrum, TDD/BDD, V- model and Waterfall testing methodology’s.

● Management & Coordination – Management of all aspects of testing including defect management, system & user acceptance test Coordination, estimation, quality gateway, reporting, change control, Release management activities & training.

● Problem Solving - Skilled in the use of logic and reasoning and the application of these techniques in systems analysis, process engineering and testing.

● Communication - Strong communication skills both written and verbal to wide range of audiences including peers, senior management, customers and external 3rd party suppliers.

**Technical Summary:**

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| **Software and tools** | TeamCity, Intellij, Swagger, CMS (firstspirit),Sharepoint 2010, Jmeter, Fiddler, App Dynamics,Hyperic Monitoring tool, Documentum,Citrix 4.5, Visual studio 2010, TFS, XML Spy, Oracle, SOAPUI, Maven,Nexus,AWS, Docker, DynamoDB,Cognito  Jenkins ,Eclipse, Postman, Junit, Bitbucket, GIT, SpringBoot, , Serenity, Gradle, Gitlb |
| **Scripting language** | Java, JavaScript, C#, UNIX,Groovy, python, SQL |
| **Testing Tools** | Selenium Web driver ,Cucumber,Rest Assured, BDD,JIRA,HPQC, ALM, Jmeter, AppDynamics, Confluence, Specflow, Appium, TestCafe, WebStrom, Hyperic monitoring, WebriverIO, Newman |
| **Environments** | ReactJs Camunda,JBOSS Portal, MS.NET,.NET4 J2EE, C++, C#, HTML5, UNIX, IOS, Android,  Base24, RPS, Mid-Tier, Client Server / digital Web Based, CSS, IVR, TNS, EPOS, IBM Curum |

**Social Security Programme (Jan 2020 -Till Date)**

**Company. :Scottish Government**

**Role. :Senior Test Automation**

**Tools: Java, Gitlab, Jenkins, qtest, Serenity, Cucumber, Gherkin, Jira, Confluence, Gradle, Intellij, Rest Assured, Browser Stack, Appium, IBM SPM Curum, AWS, Docker, DynamoDB**

**Description:**

The Scottish government have set out a plan for the devolution of social security benefits.An extensive programme of work is underway in both the SG and DWP to transfer the administration of these benefits from DWP to the Scottish Social Security Agency (SSA) consists of Wave 1 and wave 2 delivery.Wave 2 includes Disability Allowance for Children (DLAc), Attendance Allowance (AA) and Personal Independence Payment (PIP). The SSA has committed to a multi-channel delivery for these benefits.

**Responsibilities:**

* Under the Social Security programme (Wave2) worked for CDP and CWHA benefits and developed automation scripts for functional, Regression, integration and E2E journeys
* Been part for project workshops with BA's, PO and Developers to understand the requirements and defined automation scope
* Analysed the existing serenity with cucumber framework and enhanced it by adding parallel execution, Appium, Browser stack and selenium grid
* Developed automation scripts for ACT Native app application using appium and executed local and browserstack
* Developed Jenkins CI/CD pipeline from scratch for test automation and created builds jobs in Jenkins
* Designed Integration tests for internal Rest API’s using Rest assured to create application submission
* Co-ordinate with other service suppliers to take their automation code and resolve conflicts and run Wave 1 regression pack end of every sprint
* Hands on Work estimation, Story point allocation, Peer review of automation scripts and daily status updates to PM.

● Executed automation scripts for CDP and CWHA, Local delivery benefits for every release/build and generate serenity report with results

● Investigate results and raise defects for the issues identified using JIRA and attend daily triage calls to prioritise defects

* Co-ordinated with other teams and set up automation process and prepared Onboarding document
* Attend daily Scrum meeting to discuss the status of the tasks assigned and any issues identified

**Strategic Account Opening (SAO) (May 2018 - Jan 2020)**

**Client : RBS**

**Role : SDET QA Automation**

**Tools: ReactJs , GIT, Big bucket, Selenium Web driver, Cucumber(BDD), Gherkin, Java, TeamCity, JIRA, Confluence, Swagger, Rest Assured, Spring Boot, Maven, webdriverIO, JavaScript, TypeScript**

**Description:**

The Strategic Account Opening (SAO) Programme is transformational programme for RBS that is spearheading the adoption of DevOps delivery.  SAO is leveraging state of the art development methodologies and customer-led design to deliver a 'best in class' customer onboarding and product sales platform that will create a frictionless experience for both new and existing customers and covering the Digital and Mobile channels as well as Branch. SAO will deliver a new service-orientated architecture that will employ new strategic enabler technologies that will form the basis of all new bank-wide systems

**Responsibilities:**

● Under the DES & SAO worked for SAT,GDPR Breach and Loans projects to develop Automation test scripts for Regression, Integration and End 2 End Journeys

● Been part for project workshops with BA's, PO and Developers to understand the requirements and define its scope and their dependencies

● Developed Cucumber Framework (BDD) from scratch with (POM) and designed UI automation scripts using selenium Web driver .

● Designed Integration tests for Rest API’s using Rest assured with Spring Boot framework and execute them as part of build job.

● Created Build jobs in Team City and automated CI/CD process for every code checkout

● Hands on Work estimation, Story point allocation, Peer review of automation scripts and daily status updates to PM.

● Executed automation test scripts for SAT and Breaches project with selenium cucumber Framework for every release/build and generate report with results

● Investigate results and raise defects for the issues identified using JIRA and attend daily triage calls to prioritise defects

● Attend daily Scrum meeting to discuss the status of the tasks assigned and any issues identified

**Citi Direct for Securities (CDS) (Dec 2017 - May 2018 )**

**Client : Citi Bank**

**Role : QA Automation**

**Tools: GIT, Big bucket, Selenium Web driver, .Net,Specflow, Gherkin,C#, NUnit,Jenkins, JIRA, Confluence**

**Responsibilities:**

● Under the CDS worked for One custody and Transactional Manager projects to develop Automation test scripts for Regression

● Organise walkthroughs with BA's and Developers to understand the functional and technical requirements and their dependencies.

● Share accountability for quality and delivery with designers, developers and business analysts

● Organise application walkthrough with SME and functional team to understand the scope and reviewed the manual regression test cases.

● Analysed current test framework in place and recommended changes and implemented Page object Model(POM) approach to design test cases.

● Exposure on testing mobile applications using and executed the automated tests for One Custody IOS and Android app.

● Designed and executed POC test cases for One custody application which is in angularJS, using selenium/cucumber and recommended tools for the gaps identified

● Design automation test scripts using c# with selenium Webdriver for One custody and Transaction Manager applications on cucumber Framework (BDD) and execute for every release/build and produced reports

● Set up JIRA with all Test requirement, Plan,test scripts and defect Management.

**Rural Payments and Inspections Directorate (RPID)**

**Client : Scottish Government (Nov 2013 – Dec 2017)**

**Role : Test Automation & Performance analyst**

**Tools: ReactJs , GIT, Big bucket, Selenium Web driver, Cucumber(BDD), Gherkin, Java, Jenkins, JIRA, Confluence, Rest Assured, Jmeter, App Dynamics, Hyperic monitoring, Maven, Eclipse**

**Responsibilities:**

● Worked on project like Portal, SAF, Payments, Application processing, Reductions and exclusions across multiple releases/Drops.

● Organised functional and technical walkthroughs with the BA’s, product owner and developers to decide the Scope of testing and Testability of Requirements which also resulted in adding new requirements.

● Undertake responsibilities of a QA with a focus on test automation. Involvement with all aspects of test automation

● Responsible for preparing Test plan, resource estimation, work allocation, peer review of automation scripts, daily status reports and Scrum Meetings.

● Used JIRA as test management tool to design Test cases, Execution, raising defects and get Traceability Matrix

● Maintain and enhance current automation framework and extending it where new functionality is introduced.

● Developed and maintained templates, content, Permissions, workflows, checked Business process(BPM) via Content management system(CMS) tool and published content to portal

● Understand how to best design automated testing across application layers using UI, API, and integration

● Developed automation scripts for Smoke, functional and Regression testing using selenium (webdriver) on Cucumber Framework with BDD approach

● Executed automation scripts for every Release/drops and produced reports

● Develop scripts and implement load,Soak,and Stress tests with Jmeter, and present performance statistics to application teams

● Identified Disk Usage, CPU, Memory for Web and Database servers and how the servers are getting loaded using Hyperic monitoring

● Executed test automation scripts for REST API’s using Rest Assured.

● Demoed user stories to product owner for sign off in each sprint and produce status reports on daily basis

**Berlin Assisted Service Banking (Jan 2013 – OCT 2013)**

**Client : Barclays**

**Role : Automation Tester**

**Responsibilities:**

● Identified Test scenarios and Prepared Test scripts and trace them with Requirements, resource coordination, estimation, Test coverage, Defect logging, tracking and reporting using JIRA

● Co-ordinating with various test teams onsite and offshore and organise daily defect triage calls, manage documentation and produce daily status reports.

● Managing workshops with key Stakeholders to agree UAT approach, collecting acceptance criteria and performed UAT as Customer Check point.

● Performed Smoke, Functional, GUI, Security, Regression, Ad-hoc and Hardware testing

● Performed SIT to ensure the ASD Device is integrated with interfaces like Base 24,Card systems, RPS(Retail payment systems),Mini apps, Barcode readers, Customer Gateway System (CGS) and Mid tier container

● Developed Test Automation scripts using selenium(webdriver) on Cucumber Framework using C# and performed Regression/Functional testing for every maintenance/drop release

● Performed the Build deployment, calibration, debugging and Governance on actual ASD devices after each build

● Performed SIT/UAT by adapting Risk based approach to get the maximum functionality coverage

● Supported business on site by providing FLM (first level maintenance) to BAT Team and go live activities.

**Debit & Credit Card Payments (AUG 2011 – Dec 2012)**

**Company : Windsor life, UK**

**Role : QA & Performance Tester**

**Responsibilities:**

● Designed Functional Test Scripts for Annuities, Income protection Occupational Pensions (Defined Contributions & Benefits) modules and prepared test pack in QC

● Performed Smoke, Functional, Risk Based, Cross Browser and User acceptance Testing (U.A.T)

● Resolving problems and issues arising from the test run and holding regular meetings and workshops with mappers, developers and business representatives

● Develop scripts and implement load, Soak and Stress tests with Jmeter, and present performance statistics to application teams, and provide recommendations on how and where performance can be improved.

● Performed Non functional testing to check the application loading time & memory usage and network connections traffic, Infrastructure and Deployment tests with different build versions in OAT

● Responsible to verify web services API request, response data validations in REST, SOAP protocols.

● Co-ordinate with 3rd party Services like Encoded & TNS while undergoing Payment gateway process and issues occurred during Testing.

● Coordinating with offshore people to perform Business Acceptance testing **(B.A.T)** using Citrix Server.

● Prepared Defect Summary, Risk Analysis and Test Summary Reports.

**Card Self Service Web Portal (April 2010 – July 2011)**

**Client : Barclays**

**Role : Technical Test Analyst**

**Responsibilities :**

* Involved in Designing Test cases and Execution for the following business: Recent transactions, Make a payment, Balance enquiry, Communication of lost or stolen card, Activate Card, Change PIN, Password reminder, Change Password.
* Working closely with 3rd Party development team in understanding the requirement specifications and data-flow.

● Functional, Regression, Cross Browser, Ad-hoc, Security and support UAT testing

**Central Store Stock Management (CSSM) (April 2007 – March 2009)**

**Client :  Marks and Spencer, UK**

**Role : Java developer**

**Certification:**

● **ISEB /ISTQB** UK Qualified intermediate Level in software testing.

● Pursued **M.B.A** from University of wales in 2010.