**Vinod Kumar**

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An Exceptionally skilled and outcome-driven **Senior QA & Automation Engineer** with **13+** years of experience in Software Testing and **Test Automation** using open-source technologies and frameworks like **Postman, Rest-Assured Cucumber, Java, Selenium Web Driver, RESTAPI and JDBC.**

**Summary of Experience:**

•13+ years of Extensive experience in software testing across domains like FIS, Teller, Banking, Payments, Medical, Gaming and Windows. Worked on Client locations in USA Greenville SC.

•Collaborate with developers and Product teams to establish the design vision and analyze scope for testing.

•Extensive experience working on Incident management using **Servicenow**.

•Experienced in testing Google Analytics implementation for all the system Events.

 •Have total of 8+ yrs of Testing Native and Wrapper Apps on **IOS, MAC, Android and Browser Apps** on Windows.

•SME on banking and **payments** domain like Loan Origination, Deposits, Cash outs, Retail and online using multiple payment methods like Apple pay , Google pay and Acquirers.

•Extensive experience on **API automation using Postman, Selenium, Rest Assured**.

•Monitoring live deployments and application performance in production environment using **Dynatrace**.

•Finding threats in **ENTAIN** system with behavioural analysis based on our global intelligence and expertise.

•Worked on modern API technologies (**Java, SELENIUM, REST-ASSURED, POSTMAN, JSON/XML**).

•Collaborated closely with development and product teams to identify, report, and troubleshoot bugs and issues.

•Proven ability in designing and working on automation frameworks using **Java, Junit/TestNG, Selenium WebDriver, Grid, Gradle/Maven, Jenkins and JBehave/Cucumber (BDD).**

•Engaging at all levels of the organization, both internally and externally.

•Planning test activities, managing and allocating QA Analysts for the Roll out/monitoring and regression activities.

•Expertise in **Smoke Testing, backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Boundary Value Testing.**

•Critically evaluate information gathered from multiple sources, reconcile conflicts, and convert high-level information into detailed test cases.

•Experience with Test Management tools like **JIRA, BCM Tracker, Product Studio, Bugzilla** etc.

•Proficient in working on **Sprint ceremonies** like daily Scrum, Grooming, Swaging product Demand IDs, Requirement Analysis, Test Cases Review, Bug Tracking etc.

•Proven ability to work efficiently in both independent and team environments.

•Accountable for designing Tests, as part of an integrated team, for payment products, enhancements, new features, and Incident mitigation.

•Presented Demos on Functional and Non-Functional implementations to Product and Business.

•As a Lead QA – worked closely with both onsite & offshore teams, ensure proper hand-off and knowledge transfers within the team.

**Technical Skills:**

**Domain: FIS,** Banking, Teller, Payments, Gaming, Medical and Manufacturing

**Testing tools:** Postman, Selenium, Rest Assured, JIRA, HP ALM, Microsoft TFS, Product Studio, Back- office, WAPT pro, Reports, Windows Test Technology.

**UI Web Technologies:** HTML/HTML5, Angular, CSS/CSS3, SASS, XML, JavaScript, JSON.

**Programming Languages:** Java, JSON, MySQL, MS AE Auto Framework.

**Frameworks:** Rest Assured, TestNg.

**Ticketing System :** Service now

**CI/CD Tools:** Jenkins.

**Operating System:** MAC**,** IOS, Android, Windows 7/SP1, Windows 8/10.

**Debugging Tools:** Charles, Chrome Elements Inspector, Firebug, IE Tester.

**Educational Qualification:**

**Master’s Degree**

Software Engineering, BITS Hyderabad, India.

**Bachelor’s Degree**

Computer Science, Loyola Academy Hyderabad, India.

**Professional Experience: -**

**Organisation: Ivycomptech April 2021 – Jan 2024**

**Title: Lead Test Engineer**

**Client: BET MGM**

**Project: Cashier Redesign**

**Key Responsibilities:**

* Team Lead for 2 teams consisting of QA and Dev engineers to maintain production and pre-production Cashier module to provide 99.99% availability.
* Worked in close **liaison** with Product, Business Analysts and Developers regarding the impacted areas.
* Developed customized hybrid framework using **Cucumber, Selenium WebDriver, Java based on Page Object Model (POM)**.
* Developed framework using **Rest Assured for back end automation** using models (POJO).
* SME on banking, Teller and payments like Loan Origination, Deposits, Cash-backs, Cash outs, Retail and online.
* Sole owner of Apple pay Payment integration on ENTAIN and BETMGM systems.
* Performed Validations on API Schema, Request variables, Response codes, API Automation etc.
* Worked on Retail Teller operations using Restful APIs on Postman.
* Worked on multiple payment method integrations for Deposits and Withdrawals using multiple payment methods like Paypal, SKRILL, VISA, Apple pay , Google pay etc.
* Performed RCA on the incidents raised on service now and provided quick resolutions on Servicenow.
* Analysing Swagger docs and Requirement documentation. Preparing manual test matrix against the requirements.
* Converting requirements into automation scripts using Java, Selenium and Rest Assured Libraries.
* Integrated Postman collections with Jenkins for continuous Sanity and System testing whenever a new build is deployed into QA and Beta Environments.
* Used **JMeter** for performance testing of RESTful web services.
* Used **Jenkins** as Devops CI/CD tool to run daily automation tests.
* Testing Google Analytics implementation across All major Features of Entain products.
* Collaborated closely with development and product teams to identify, report, and troubleshoot bugs and issues.
* Designed and executed test cases to validate application functionality, usability, and performance.
* Received accolades for Delivering complex functional system features like ADA, ARC(Advanced Responsibility and Care), HVDD(High volume declined deposits), UD(Unusual Deposits), Affordability etc.
* Worked closely with cross-functional teams to ensure timely delivery of high-quality mobile applications.
* Reported and tracked defects using issue tracking systems and collaborated with developers to resolve issues.
* Worked with fully automated CI/CD pipeline for deployment using Jenkins.
* Increased availability of the payments system by continuous reviews and regression activities.
* End to End testing of Cashier pages on web applications across multiple devices, browsers and operating systems like Windows, Android, and MAC.
* Took active part in Sprint activities like backlog grooming, Story discussions and task allocations.
* Analyzing the requirements and reporting gaps in the requirements to the client/Product team.
* Extensive testing of Native, Wrapper and Web Applications on Browser, Android, MAC and IOS.
* Planning Regression activities, dashboards, Live monitoring using Dynatrace and Roll-out activities.
* Communicating status reports of the sprint and roll out activities to the management.
* Organizing interactions between the team and Third-party vendors/providers like PayPal, PXP etc.,

**Environment**: Java, Selenium, TestNG, JIRA, Postman, Jenkins, Microsoft Windows, MAC OS, iOS, XCTest, XCUITest, Espresso, UI Automator, Robolectric, Service Now, HP ALM, Oracle SQL developer, MS Office, Browser Stack, Dynatrace.

**Title: Lead Test Engineer**

**Client: ENTAIN BETMGM - EPCOT**

**Key Responsibilities:**

* **Leading** 2 teams consisting of 4 Quality Analysts and 10 Developers.
* Addressed incidents reported on Servicenow by stake-holders and other cross-functional teams within ENTAIN.
* Provided documentation on fantastic features of BETMGM System like ADA, ARC, HVDD and Affordability.
* Write and maintain **BDD (Behavior Driven Development) automated functional tests using JAVA/ Groovy & Cucumber (on IntelliJ - IDE).**
* Customized hybrid framework (data driven & keyword driven) based on **Page Object Model (POM) & Page Factory** using Cucumber, Selenium WebDriver, Geb, JAVA/ Groovy is developed and implemented.
* Implemented Rest Assured framework to test ENTAIN system Cashier APIs.
* Communicated with Stakeholders and the Design Team to adopt suitable testing methodologies to establish the correct execution of the product design.
* Coverage of Use cases across Applications on Browser, Android, MAC and IOS.
* Ensured the visual implementation of the project is impeccable and ‘pixel perfect’.
* Worked with Betmgm Retail partners on Teller services.
* Supported business and UAT team during User Acceptance Testing.
* Analyzing the requirements and reporting gaps in the requirements to the client/Product team.
* Extensive manual testing of Applications on Browser, Android, MAC and IOS using Postman.
* Training new joiners on the domain and functionality.
* Testing Mobile native and wrapper apps in test and BETA Environments.
* Sole owner of Apple pay testing across IOS and MAC Devices.
* Planning Regression activities, dashboards, Live monitoring and Roll-out activities.
* Communicating status reports of the sprint and roll out activities to the management.

**Environment**: **Environment**: Java, Selenium, TestNG, JIRA, Postman, Jenkins, Dynatrace, Microsoft Windows, MAC OS, iOS, Service Now, HP ALM, Oracle SQL developer, MS Office, Browser Stack.

**Title: Lead Test Engineer**

**Client: BETMGM –SASW (Single Account Single Wallet)**

**Key Responsibilities:**

* Lead 1 team consisting of 6 Quality Analysts and 12 Developers.
* Rolled out Single Account Single Wallet features across all states in US for Betmgm.
* Communicated with Stakeholders and the Design Team to adopt suitable testing methodologies to establish the correct execution of the product features.
* Addressed incidents reported on Servicenow.
* Provided documentation on fantastic features of BETMGM like SASW(Single Account Single Wallet).
* Testing Cashier behaviour of Deposits and Cash outs under multiple QA environments.
* Coverage of Use cases across Applications on Browser, Android, MAC and IOS.
* Ensured the functional implementation of the Cashier module is flawless.
* Supported business and UAT team during User Acceptance Testing.
* Analyzing the requirements and reporting gaps in the requirements to the client/Product team.
* Developed and tracked test metrics and contributed towards continuous improvement.
* Training new joiners on the domain and functionality.
* Testing Mobile native and wrapper apps in test and BETA Environments.
* Sole owner of Applepay testing across IOS and MAC Devices.
* Planning Regression activities, dashboards, Live monitoring and Roll-out activities.
* Communicating status reports of the sprint and roll out activities to the management.

**Environment**: Java, Selenium, TestNG, JIRA, Postman, Jenkins, Dynatrace, Microsoft Windows, MAC OS, iOS, Service Now, Oracle SQL developer, HP ALM, MS Office, Browser Stack.

**Organisation: Virinchi Pvt Ltd Mar 2018 – April 2021**

**Title**: **Software Quality Analyst**

**Client: Purpose Financial, South Caroline - Onsite**

**Key Responsibilities:**

* SME on banking products like Payday, LOC and Title loan origination.
* Successfully delivered Restful API Automation for all products in Client location (SC-USA).
* Extensive work on Loan Origination module for multiple products like Payday, Line of Credit etc.
* Worked on IVR and Teller modules using Restful APIs.
* Testing Teller system using REST API and Postman.
* Experience in Black box and White box testing.
* Converting swagger document requirements to API automation scripts.
* Integrated Postman collections with Jenkins to trigger automated jobs and reduce manual testing efforts.
* Presented Product Demos on Teller API functionality to the Clientele and Stakeholders.
* Responsible for System testing, performance testing, Regression testing on new builds that move from Testing to production environment.
* Responsible to communicate status updates DSRs and WSRs to the management.
* Played a key role in Analyzing and Reviewing the User Stories with the team members.
* Executed web services testing on the web-based loan management system from customer registration through loan origination and transactions.
* Performed Triage of failed APIs and reported issues.
* Used Postman and REST Client for testing the services.
* Used Bug Tracker for reporting failed APIs and product issues.
* Was responsible for task allocation to the team members.
* Trained new joiners on the AUT using API services.

**Environment**: : JIRA, Postman, Dynatrace, Jenkins, Microsoft Windows, Oracle SQL developer, MS Office.

**Organisation: Wipro Technologies Oct 2008 – March 2016**

**Title**: **Senior Quality Analyst**

**Client: Purpose KONAMI GAMING INC.**

**Key Responsibilities:**

* Took part in Test planning and Resource allocation.
* Game check-out/check-in using GIT.
* Game compilation on RAM chips.
* Testing K2V and KP3 platform Games on different slot machines.
* Reported bugs using JIRA and followed up with the developers until the closure.
* Performed Peer reviews.
* Performed white box testing by Game emulation process.
* Implemented lean methodologies for maximum ROI for the customer.
* Participated in video conferences with the client on a weekly basis.
* Mentored the new joiners on the testing processes of the project.
* Creation and review of test cases and scenarios.
* Functional, Integration, Regression, Compatibility and System testing of application.
* Active participation on Regression activities, dashboards, Live monitoring using Dynatrace and Roll-out activities.
* Coordination with the onsite and development team.
* Proposed workflow enhancements while testing the features.
* Smoke Testing, Regression testing. Compatibility Testing

**Environment**: **Environment**: Emulator, K2V and KP Slot Machines JIRA, Microsoft TFS, Visual Studio, Microsoft Windows, MS SQL.

**Title: Senior Quality Analyst**

**Client: Radiometer**

**Responsibilities:**

* Was involved in planning, execution, and delivery activities of various test requests.
* Followed agile scrum model to groom and plan backlogs.
* Prepared and executed test cases as per specifications, logged bugs and submitted reports
* Testing Medical devices on multiple environments.
* Published daily status reports on current sprint activities to management.
* Tracked and resolved tickets rose against the requirements by the team.
* Coordinated with the onsite team on planning and execution of test cycles.
* Executed and submitted all special recommendations and documentation.

**Environment**: Medical Devices, Visual Studio, Manual Test Client, Microsoft Windows, MS SQL

**Title**: **Senior Quality Analyst**

**Client: Microsoft Office 2010 Localization**

**Key Responsibilities:**

* Complete ownership of the Microsoft Office SharePoint Server testing.
* Played a key role in assigning work to the team members and tracking the completion of the same.
* Testing applications across multiple versions of Windows operating system across devices.
* Testing behaviour of the Application across multiple languages and resolutions.
* Performed Regression testing, Sanity and System testing.
* Coordinate with the onsite team on planning and execution of test cycles.
* Responsible for all the people engagement activities for the Entire team.
* Provided process improvements based on Lean Concepts

**Environment**: JIRA, Microsoft TFS, Visual Studio, C#, Product Studio, Windows Test Technology, Manual Test Client, Medusa, Microsoft Windows, MS SQL, AE Auto Framework.

**Title**: **Senior Quality Analyst**

**Client: Windows 7 Application Compatibility Testing**

**Key Responsibilities:**

* Was involved in planning, execution, and delivery activities of various test requests.
* Tested Application compatibility across various flavours of MS Operating systems.
* Tested various desktop and web-based applications like Gaming, Security, Taxation, and Enterprise applications.
* Raised bugs/tickets on the in-house ticketing system.
* Played a key role in task-allocation to the team members and tracking the completion of the same.
* Reported and logged critical bugs.
* Executed and submitted all special recommendations to the customer.
* Headed a team of 10 engineers in test planning, execution, and delivery of the sprint stories successfully.

**Environment**: JIRA, Microsoft TFS, Visual Studio, C#, Product Studio, Windows Test Technology, Manual Test Client, Medusa, Microsoft Windows, MS SQL, AE Auto Framework.

**Title**: **Senior Quality Analyst**

**Client: Windows Sustained Engineering (Microsoft)**

**Key Responsibilities:**

* Participated in the heads-up and post-mortem meetings for every test cycle.
* Performed analysis of the Test Request Bits and provided the team with quality test recommendations.
* Solely responsible for allocating daily tasks to the team of 40 members.
* Tracking and reporting the daily status of the work completion to all the project stakeholders.
* Was always present for special and critical test requests by the client.
* Performed Regression Testing after fixes / modifications and logged defects.