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**SUMMARY:**

* Around 15 Years of experience in QA Testing with a solid understanding in all stages of Software Development Life Cycle (SDLC) and STLC (Requirement Gathering, Test Planning, Test Design, Test Execution and Defect Reporting & Tracking) in Agile and Waterfall Models.
* Expertise in Manual Testing, Automation Testing, API Testing, Performance Testing on Web, Mobile, Client/Server, Web Services and Device(POS, KIOSK) based applications.
* Professional experience in Integration, BVT, Functional, Sanity, Regression, System Testing, Load Testing, UAT Testing, Black Box and GUI testing.
* Experience in creating Test Readiness Review (TRR), Requirement Traceability

Matrix (RTM) documents. Very good experience to Create the Frameworks (BDD and TDD) from scratch.

* Good Experience on Cucumber, Selenium, Katalon studio for Test Automation. Expertise in Automation Framework Development from Scratch with TestNG, data driven, POM, Keyword Driven, Maven, Jenkins and Git.
* Experience in preparing Test Strategy, developing Test Plan, Detailed Test Cases, writing Test Scripts by decomposing Business Requirements and developing Test Scenarios to support quality deliverables.
* Good Experience in Device/Web based testing including GUI Testing, Regression Testing, System Testing, Performance Testing, Functional Testing and Acceptance Testing.
* Expertise in writing Test Plans, defining Test Cases, developing and maintaining Test cases, Test case review, analyzing the test results, interaction with developers in fixing the errors. Good Experience in Bug Reporting and tracking using Jira, Redmine, Bugzilla and QC(ALM). Proficient in all phases of Test Life Cycle from test planning to defect tracking and managing defect lifecycle.
* Good Experience in Performance Testing with JMeter (Load Testing, Stress Testing and Endurance Testing). Expertise in API Testing by using POSTMAN for manual validation of REST API for different HTTP method GET, POST, UPDATE and DELETE etc.
* Ability to work in a team environment or independently. Good at multi-tasking and working well under tight deadlines with high efficiency.
* Expertise in analysing User Requirements, Functional and Technical Specifications. Excellent troubleshooting, project management and problem-solving skills.

 **Technical Skills:**

|  |  |
| --- | --- |
| Operating System | Windows, MacOS, Linux, Unix |
| Testing Frameworks and Tools |  Junit, TestNG, Selenium RC/Web driver/IDE/Grid, Katalon, Cucumber, Rest Assured, JMeter, WebdriverIO, Protractor and Appium |
| Bug Tracking Tools |  JIRA, Katalon studio, Redmine, HP QC |
| Web Services Testing | SOAP UI, REST, WSDL, Rest Assured, Postman, swagger, JMeter,  |
| Programming Languages | Java and Python |
| Databases | Oracle, MySQL |
|  Web Technologies Cloud  | HTML, CSS,AWS, EC2, S3, RDS, EBS, VPC, Lambda, Route 53, Micro Services, |
|  CI |  Git, Github and Jenkins |

**Project experience Summary:**

Optum EdenPrairie, Minnesota

QA Architect 04/2023 to Till date.

Environment: .NET Applications, JSON, ETL, RESTful Web APIs, Microservices, MTM, Azure DevOps, AWS, HTML, Chrome, Microsoft Edge, JIRA, Confluence, Postman, MS Office, AWS & SQL Server, JMeter, Postman and Swagger.

* Created Hybrid Framework from scratch for Functional Automation.
* Good Experience in Cucumber with Selenium Framework
* Good Experience in Test Estimations.
* Involved in testing the project according to the Business Requirement Specifications.
* Developed Manual/Automated test cases(scripts) using Appium/Selenium Web driver.
* Prepared set up for Distribution testing for JMeter load testing on AWS Env.
* Scripted Data Driven testing by parameterization of data
* Involved in Writing and executing Test cases.
* Performed UAT Testing in the client environment
* Performed Regression testing and GUI Testing Using Appium.
* Conducted Compatibility testing on different Windows platform and Linux to ensure code portability
* Analysing and Reporting bugs using Report Tracking System.
* Worked on Appium for Mobile devices.
* Tested the Android App on POS/KIOSK devices
* Developed the scripts on JMeter for performance and API tasks.
* Good Experience in CI/CD with Git, Github and Jenkins.
* Good experience cloud platform,

Project1: GE Digital

QA Architect  **02/2019 to 03/30/2023**

Environment: .NET Applications, JSON, ETL, RESTful Web APIs, Microservices, MTM, Azure DevOps, AWS, HTML, Chrome, Microsoft Edge, JIRA, Confluence, Postman, MS Office, AWS & SQL Server, JMeter, Postman and Swagger.

GE Digital requires its visualization platform Proficy Operations Hub to serve as the basis for a

new web-based HMI designer. • GE Operations Hub provides a low code/no code visualization

development environment. We need to migrate to Angular Latest Versions. This Application

allows users to build the web application by positioning and configuring various visual elements.

on the Screen. Here, we need to migrate the given code into the latest versions and also need to

implement some Add on features and provide some new web designer Product.

**Responsibilities:**

Manual Testing:

* Testing application which further includes Requirements understanding, participate in test plan, test case writing and reviewing and then executions, defect logging and retesting the defects, prepare test summary report and communicate the test status to System test lead at client end.
* Involved in testing the project according to the Business Requirement Specifications.
* Developed Manual/Automated test cases(scripts) using Selenium Web driver and katalon.
* Prepared set up for Distribution testing for JMeter load testing on AWS Env.
* Scripted Data Driven testing by parameterization of data
* Involved in Writing and executing Test cases.
* Performed Regression testing and GUI Testing Using Appium.
* Conducted Compatibility testing on different Windows platform and Linux to ensure code portability
* Good Experience in UAT Testing
* Analysing and Reporting bugs using Report Tracking System.
* Worked on Appium for Mobile devices.
* Developed the scripts on JMeter for performance and API tasks.

**Project2:**

Arclights

**QA Architect**  **09/2014 to 01/2019**

**Environment**: Sanity Testing, ETL Testing, Functional Testing, BVT Testing, Regression Testing, UAT Testing, API Testing, Performance Testing.

Arclight cinemas is an Entertainment Application built on Hybris commerce platform to book

events, Ordering with Ticketing and Food and Beverage via POS, Kiosk & Seat Management,

Theatre management, shift and cash management, Film scheduling, Marketing and loyalty

management, Back office management, 3rd party Integration.

**Responsibilities:**

* Developed load test Cases and performed load test with 25000 users on SAP-Hybris Env.
* Created Hybrid Framework from scratch for Functional Automation.
* Involved in testing the project according to the Business Requirement Specifications.
* Developed Manual/Automated test cases(scripts) using Katalon, Appium/Selenium Web driver.
* Prepared set up for Distribution testing for JMeter load testing on AWS Env.
* Scripted Data Driven testing by parameterization of data
* Involved in Writing and executing Test cases.
* Performed UAT Testing in the client environment
* Performed Regression testing and GUI Testing Using Appium.
* Conducted Compatibility testing on different Windows platform and Linux to ensure code portability
* Analysing and Reporting bugs using Report Tracking System.
* Worked on Appium for Mobile devices.
* Tested the Android App on POS/KIOSK devices
* Developed the scripts on JMeter for performance and API tasks.

**Project3: World Ventures 11/2013 to 8/2014**

**Lead QA Engineer**

Environment: Functional Testing, BVT Testing, Regression Testing, UAT Testing, API Testing, Performance Testing, Microsoft Power Platform, Katalon, Selenium WebDriver, TestNG, POM, Core Java, JMeter, Appium, Fiddler.

World Ventures has made a commitment to be the most-trusted name in the direct-selling industry through our transparent business processes and open management philosophy. World Ventures is dedicated to helping our Independent Representatives live richer lives: to enjoy unique travel and leisure experiences; to earn extra income doing something they love; and to help others improve their lives.

**Responsibilities:**

Roles and Responsibilities:

* Involved in testing the project according to the Business Requirement Specifications.
* Developed Manual/Automated scripts using Selenium Web driver.
* Prepared detailed test cases using Test Director by understanding the business logic and user requirements for Manual and Automated testing.
* Inserted synchronization points for solving timing problems that arrive during test execution.
* Scripted Data Driven testing by parameterization of data
* Involved in Writing and executing Test cases.
* Performed Regression testing and GUI Testing Using Selenium.
* Conducted Compatibility testing on different Windows platform and Linux to ensure code portability.
* Performed UAT Testing in the client environment
* Analysing and Reporting bugs using Report Tracking System.
* Worked on Appium for Mobile devices.
* Developed the scripts on JMeter for performance and API tasks.

**The following Project from CSC:**

**PROJECT:4 01/2010 to 10/2013**

Client                    : Zurich

Project Name       : Corporate Savings Platform (CSP)

Team Size             : 18

Tools                      : Selenium 2.0(Web Driver with Java) and Load Runner.

**Designation**  : Lead QA Engineer

**Project Description:**

 Zurich’s strategy for Corporate Savings is to provide the first-choice proposition to meet the needs of medium to large employers and their employees. It is designed to deliver a complete workplace savings solution offering employees access to financial tools, easy to read guidance, useful information, access to advice and a range of Zurich products like retirement saver as products of Retirement Saver (SIPP), CASH ISA, S&S ISA and GIA offering a variety of investment options and features (e.g. withdrawal/retirement options etc.,)

 **Responsibilities:**

* Preparation of Test Scripts, Test Cases and Test Data using Selenium Web Driver
* Involvement in Test Execution, Results Analyzing and Defect Reporting using Selenium.
* Performed UAT Testing in the client environment.
* Logging and reviewing defects with high accuracy.
* Understand the Functional requirements provided by client.
* Generated test cases as per Use cases defined in requirement document.
* Actively involved in reviewing test cases.
* Involved in Knowledge transition to the team members.

**Product#5: 08/2009 to 02/2010**

**Emirates Mobility:** Emirates (Air lines)

**Testing:** Functional & Usability and Regression.

**Designation:** QA Lead Engineer

**Role:**As a Sr. QA Engineer, was responsible for

* Created both automated and manual test plans for the web application.
* Responsible for identifying and preparing functional & usability Test scenarios based on Wireframes.
* Responsible for execution of test scenarios and defect verification.
* Working on Native App and Web Application Testing
* Good exposure on Functional and usability testing.
* Good at End to End testing w.r.t Device conformance.
* Prepare Test setup on Desktop and iPad like build installations with the help of Test flight.
* Analyzing the requirements and raised any concerns early
* Assessment of the test coverage and constantly filling the gaps
* Involved in defining the use cases.
* Involved in Test Strategy Planning.
* Involved in preparation of different Test Metrics for high level presentation.
* Involved in exploring different tools which would fit in.

**Project #6 01/2009 to 07/2009**

**Aveksa Compliance Manager (ACM)**

**Testing Technologies:** Manual a Testing

**Test Environment:** Application Server: Oracle 10g/11g/WebLogic,

**Database**: Oracle10g/Oracle11g, Operating System: Win2k3/2K8, Linux& Solaris10.

**Project Description:**

Aveksa provides the industries most comprehensive, enterprise-class, access governance and management solution. Aveksa helps IT organizations reduce access management complexity and increase operational efficiency, while minimizing risk and ensuring sustainable compliance. Leading Global 2000 organizations in financial services, healthcare, retail, energy/utility, telecommunications, transportation and manufacturing rely on Aveksa to efficiently address access request, fulfilment and regulatory compliance demands. To help security teams and business managers collaborate on these objectives, Aveksa has focused on the automation of the many critical, yet manual tasks associated with access delivery, change management and compliance across the entire enterprise. Organizations need visibility and control of who has access to which applications and data in their enterprise. Specifically, they need to ensure that each user's ability to connect to applications, perform activities within those applications, and access corporate data is appropriate to their job function, and doesn't violate any policies. This collection of abilities, referred to as each users' entitlements, is of concern to both the user (so he or she can get their job done effectively), the application owner (ensuring that the user doesn't inadvertently or maliciously cause any harm), and the internal & external auditors (wanting reassurance that proper IT controls are in place).

**Roles & Responsibilities:**

* Involved in Test Scenario and Test case authoring for modules.
* Involved in functional, regression testing by using Selenium with Java Scripts.
* Involved in Installation, Migration and Upgradation testing of ACM product.
* Design, Review and Execution of the test cases.
* Provided trainings and KT sessions on ACM to different teams whenever needed.
* Worked on test environment setup and test data preparation.
* Involved in Design reviews and weekly status meetings.
* Worked closely with developers in resolving the issues until it comes to closure.
* Very comfortable working in Onsite/offshore model.

**Product #7: 01/2008 to 12/2008**
CITRIX Repeater, Branch Repeater:Testing Technologies: Manual Testing.Client: CITRIX

**Project Description:**

Citrix Repeater solutions provide high performance WAN optimization and application acceleration to reduce user wait times and improve throughput across wide area networks. The Repeater product line delivers an end-to-end enterprise WAN acceleration solution that encompasses data centres, remote offices, home offices and mobile workers. The Auto Optimizer Engine offers a flexible choice of deployment options for every part of the enterprise.

**Test Environment:** Repeater devices (Linux based), WAN Simulators, Windows 2003/2008/2008R2 servers, Windows XP, Windows Vista and Linux (Fedora, Red Hat, Suse, Cent OS) hosted on VMware and Citrix Xen Servers. Citrix Branch Repeaters with Windows Servers (2K3, 2K8 and 2K8R2). Cisco Switches or HP Procurve Switches.

Bug Tracking Tools : Bugzilla, Team track.
Test tracking Tools: QC and Star Wars.

**Roles & Responsibilities:**

* Maintenance of Python scripts to automate certain configuration tasks in the project.
* Authoring and Execution of the test cases for various features of the appliance
* Working on Field and customer issues. Bug Review, Tracking and Severity analysis.
* Writing Test Plans with test cases from functional specs.
* Testing Repeater and Branch Repeaters with different Deployments like VLAN, High Availability,
* Functional testing of MAPI feature (Message application programming interface) with exchange server 2K3 and 2K8.
* Using XenApp Servers (Citrix Presentation Server) for ICA generating ICA connections.
* Configuring Domains in Windows servers and testing Signed SMB1/SMB2 protocols.
* Functional testing of Citrix products with almost all the application level protocols. Features includes e.g. DNS, DHCP, DFS, MAPI, CIFS, HTTP, WMI SAMBA, FTP, NFS, SSL, SSH, Radius, TACACS, HA, SNMP and Command line interpreter.
* Testing of Virtual appliance images (VPX) hosted on VMware and Citrix XEN servers.
* Configuration and installation of virtual images on VMware and Citrix Xen Servers and testing with multiple platforms.
* Utilize understanding of networks and network protocols to analyze TCP/IP network traces to find implementation problems, compliance problems, and performance problems with the network integration components of the Repeater appliance.
* Helping team in resolving technical issues. Resolving any issues related to remote labs.
* Troubleshooting the remote issue via IP KVM. Analyzing the Back traces for the core files. Long Stability Tests on the Repeater using scripts.
* Providing training to the team on project related advanced technologies.