**SUMMARY**

* 6+ years of testing experience in all phases and stages of Software Testing Life Cycle and Software Development Life Cycle (SDLC) with good working knowledge of testing methodologies, disciplines, tasks, resources and scheduling.
* Actively involved in requirement gathering, design, coding & reviews, unit and integration testing (Software development Life Cycle). Strong understanding of Computer Science fundamentals. Involved in review of functional specifications provided by business analysts and design, develop, upgrade and enhance proprietary software.
* Excellent knowledge in Object Oriented Analysis and Design.
* Good knowledge in Core Java with in-depth knowledge of Core Javaconcepts such as Multithreading, Collection and Event/Exception handling.
* Overall responsibility for the day-to-day operations of the project like Reporting, Tracking, Risk analysis, Counter action and Team building.
* Experience with JAVA, Groovy on Grails, Ruby on Rails, Lotus Notes and Visual Basic.
* Experience in Python framework into which the stored procedures will be ported and port the logic into Python.
* Proficiency in one or more programming languages, such as Java, C++, Visual Basic.
* Experience in integrating AWS services such as IAM, CloudWatch, EC2, Lambda, S3, Cost and Usage, Athena, Glue, and CloudTrail.
* Key expertise includes testing and debugging GUI, Multi-Applications environment
* A depth on database query tools such as TOAD, SQL Navigator, SQL Assistant and SQL Plus and SQL Developer.
* Expertise in writing Test Plans, Test Strategy, Test Procedures, Test cases, Test scripts, RTMs, Defect status reports and Test Summary report.
* Expertise in Manual Testing - Functionality Testing, Regression testing, writing Test cases and documentation for the projects.
* Good understanding of technology with focus on delivering business solutions.
* Strong Experience in Automating Web Application Testing using Selenium WebDriver with TestNG framework.
* Strong understanding of Microservices architecture.
* Experience on UNIX commands.
* Expertise in implementation of Automation framework using Selenium.

**EDUCATION**

**Master’s Degree in MBA Oct 2019- 2021**

Campbellsville University

**Master’s Degree in MSITM 2018-2019**

Campbellsville University

**Bachelor of Computer Science & Engineering 2010-2014**

JNTUH Hyderabad, INDIA.

**TECHNICAL** **SKILLS**

**Languages** : C, C++, Python, PL/SQL.

**Web Technologies & Frameworks** : MVC**,** Struts, Hibernate**,** HTML, CSS, Servlets, JavaScript and JSP.

**Automation Technologies** : Selenium, Cucumber, Gherkin

**Databases** : MySQL, IBM DB2, Oracle 11g, Microsoft Access, SQL Server.

**Operating Systems** : Windows7/8/10, IOS, UNIX.

**Servers** : WebSphere Application Server, Apache Tomcat Server, TFS.

**Others** : Apache Tomcat**,** Net Beans, ECLIPSE, Maven, Web Service (REST, SOAP),

XML, JSON, Xpath, CSS selectors.

**Professional Experience:**

**CONDUENT INC, MARYLAND October 2018 to Till Date**

**Project: Image Processing**

**Sr. Automation** **Tester**

**Responsibilities:**

* Worked on developing and adopting the framework called Image Processing Selenium. Actively developed the step definitions as well to automate the necessary test cases according to the application.
* Involved in Regression testing which involves revisiting the existing scripts and working on them if needed
* Bugs are raised and reported in JIRA.
* Responsible for creating and implementing an array of Web-based products using PHP, MySQL, Ajax, JavaScript and HTML5.
* Experience in writing scripts for EZPASS website automated tests for JavaScript and UI components.
* Involved in Sanity testing for the applications. Sanity is being handled via Jenkins automated jobs.
* Working knowledge on a variety of JavaScript libraries and frameworks.
* Actively involved in writing test cases and automate them using the Image Processing RAFT framework with cucumber scripts being the business view with E2E testing.
* Evaluated user problems and issues with software performance using manual testing
* Demonstrated experience with virtualization using CA Service Virtualization, Rational Integration Server, Parasoft Virtualize or Smart Bear Ready API.
* Working with threading limitations of Python, and multi-process architecture.
* Experience with developing modular, and manageable Python Code.
* Knowledge of Python Design patterns such as Singleton, Factory, Decorator, Template, etc.
* Experience in Integration with third party products, and platforms such as AWS, Azure, GCP, JIRA, etc
* Experience in AWS Security Design pattern, and related elements such as roles, policies, instance profiles, assume roles, temp. credentials etc.
* Experience in integrating AWS services such as IAM, CloudWatch, EC2, Lambda, S3, Cost and Usage, Athena, Glue, and CloudTrail.
* Knowledge of AWS CIS Controls
* Prior hands on experience in developing and deploying Micro services solutions on transportation domain infrastructure.
* Responsible for updates to multiple servers such as Linux, UNIX and Sun Solaris along with updates to Apache web servers and Oracle Database servers on both physical and virtual levels*.*
* Install, configure, maintain and administer Linux / UNIX operating systems and components. Diagnosed and resolved problems associated with DNS, DHCP, VPN, NFS, and Apache
* Worked closely with BA and development teams to investigate data issues.
* Strong expertise in problem solving skills with proper root cause analysis.
* Expertise in performing regression testing with in less span of time for best quality.
* Expertise in delivering the assigned modules before the time line.
* Participated the sessions for requirements review and Analyzed business requirements, data mapping requirement specifications along with the team.
* Build custom controls to be recognizable to the Tosca Testsuite.
* Experience with Simulia ABAQUS, Tosca, MSC NASTRAN, FEMFAT, CATIA V5, MoldFlow, Digimat, LMS Virtual Lab, Altair suite (Hypermesh, Hyperview, Optistruct), Simlab, Matlab, nCode.
* Implement Tosca extensions to improve Image Processing.
* Experience in use of project that utilize either Tosca Tbox or Classic engines.
* Design pervasive integration between QA Automation and DevOps process automation. Enable Continuous  
  Testing within the Continuous Integration framework (CI/CD).
* Experience in all implementation phases: Planning, Design, Blueprint, Data Migration, Unit Testing, Integration Testing, User Acceptance Testing (UAT), End User training, Cut-Over, Delivery, Go-live and Post Go-live.
* Develop and maintain models and documentation that are necessary to describe how the system does what it is intended to do, including recommended Domain and Use Case Models.
* Understanding and reviewing technical specification document sent from the client and setup the test bench and write the test scripts as per the document.
* Design integrations for LA Metro application, Florida Turnpike Enterprise with other System/Applications for upcoming customer requirement.
* Experience with MS Visual Basic for Applications (Microsoft VBA), specifically VBA usage in Excel, with a good knowledge of its syntax, and libraries.
* Design and develop high quality, data-driven modular test scripts in HP Quick Test ProUse, mentoring others on tools such as Visual Basic, Quality Test Pro (HP), and defect tracking systems, in order to document test plans, test cases and test scripts, and categorize according to established standards.
* Experience with programming languages to support development of automated test cases (e.g., Java, Visual Basic, SQL, etc.)
* Familiarity with common test frameworks (JUnit, Mockito, Robot framework, Tosca.
* Develop batch processes for financial reporting applications and modules using Perl and Korn shell scripts on Oracle database, with partitions and sub-partitions.
* Written RESTful API using microservices.
* Working with decoupling, Autonomy, Agility which helped in quick build and developed for Image Processing.
* Configured Helmto manage deployments in Kubernetes, creating local cluster and deploying application containers.
* Experience in writing playbooks and creating roles in Ansible.
* Involving in the new Re-design the classes and methods to improve the code coverage by reducing duplication of code.
* Worked as Validation & Verification Engineer, Functional Tester for UI Tester.
* Developed Unit Test framework to unit test for AET project.

Environment: C, C++, Selenium, Gherkin, Eclipse, Para Soft, Cucumber, SVN, JSON, JIRA, Rally, Maven, SOAP,

Restful Web Services, Jenkins, Eclipse.

**GE TRANSPORTATION MELBOURNE, FL April 2018 to September 2018**

**Project:**

**Railway Domain**

**Automation Tester**

**Responsibilities:**

* Worked on invoking both SOAP and REST. Restful web services which dealt with different kinds of data like xml, json, pdf.
* Worked on the creation of test data for the mock services.
* Used SOAPUI and postman to invoke the service and to test their responses before we can create a feature file.
* Provided support for the release version and also for the defects in production
* Created Test Plans which included test deliverables, features to be tested/not tested, Pass and Fail criteria of a test and so on.
* Good hands on experience with QA Automation tools like **Selenium, Cucumber, TOSCA.**
* Performed manual testing on the whole application before performing Visual running.
* Developed test scripts to automate process of testing in Selenium WebDriver.
* Performs technical analysis to identify the scope and schedule for upcoming projects and individual work items by testing it manually.
* Participating in all aspects of manual product testing, including test plan development, execution and delivery of well-tested solutions with short time to release.
* Created Test cases Using Element locators and Selenium Web driver methods.
* Write and maintain shell scripts for HP UNIX and Red Hat Linux.
* Troubleshooting of Linux and UNIX Operating Systems.
* Script in Perl, Python and Unix Shell to automate processes and simplify tasks.
* Experience in Data driven Testing, cross browser testing and Parallel Test execution using Selenium WebDriver, TestNG and selenium Grid.
* Automating the microservices components to build, deploy and monitor the test scripts.
* Contributing writing scripts for automated testing and system configuration.
* Experience in writing automated white box testing and unit testing for rail domain application.
* Knowledgeable Experience with Automated pipeline for Continuous
* Integration/Deployment, and test automation using GIT Bit bucket, rally, Maven and Jenkins.
* Contributed and supported process improvements, which guide the development, sustaining &amp; support activities of the product.
* Developed new technical solutions and security tools to help mitigate security vulnerabilities and automate repeatable tasks.
* Configured and troubleshoot security infrastructure devices and ensure the proper operation of security processing routines.
* Used Ansible and Ansible Tower as Configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
* Wrote Python Code using Ansible Python API to Automate Cloud Deployment Process.
* Developed Python Modules for Ansible Customizations.
* Used Ansible Playbooks to setup Continuous Delivery Pipeline. Deployed micro services, including provisioning AWS environments using Ansible Playbooks.
* Used Ansible to document all infrastructures into version control.
* Analyzed performance parameters and assessed application performance.
* Developed Functional Requirement Document based on users requirement.
* Developed applications utilizing both relational databases such as Oracle and object-oriented databases such as Versant.
* Involved in resolving bugs post production and resolved performance issues.
* Participated in Peer reviews of the Design and Source Code (C++, and Shell Scripts).
* Participated in Scrum meetings such sprint planning, sprint retrospective, sprint review meetings.
* Created Test Plans which included test deliverables, features to be tested/not tested, Pass and Fail criteria of a test and so on
* Performed manual testing on the whole application before performing Visual running.
* Developed test scripts to automate process of testing in Selenium WebDriver.
* Created Test cases Using Element locators and Selenium Webdriver methods.
* Executed Selenium Test Cases and Reporting defects.
* Experience in Data driven Testing, cross browser testing and Parallel Test execution using Selenium WebDriver, TestNG and selenium Grid.
* Developed automation scripts using Selenium WebDriver.

Environment: JAVA, Selenium, FluentLenium Gherkin, Intellij, Cucumber, GIT, JSON, XML, Rally, Maven, SOAPUI, Postman, SOAP, REST, ORACLE, Dbeaver, OSE logs.

**BANK OF AMERICA – Charlotte, NC Nov 2016 to March 2018**

**Project: CashPro Online Automation** **Tester Responsibilities:**

* Agile Methodology has been adopted to track the project work.
* Have been Developing Automation scripts (Feature files) using Gherkin language.
* Been involved in Testudo framework development using JAVA from the scratch.
* Have been responsible running sanity on a daily basis.
* Adopted and developed automated scripts to make Sanity testing automated which can reduce a lot time and manual effort.
* Actively involved in running many meetings to track the progress of our project.
* Used SOAP and Restful web services to get different kinds of data and included these web services in automation scripts to have more efficient data.
* Adopted Quality Centre to log any defects and regulate them.
* Used SOAPUI to have better understand of existing web service and to use it.
* Updated the status of the testing to the QA team, and accomplished tasks for the assigned work to the Project Management team regularly.
* Troubleshot servers and client partition configurations and resolved problems to ensure optimal performance and connectivity.
* Responsible for day-to-day systems maintenance, such as installing patches and fixes file systems maintenance, performance monitoring, and tuning.
* Translated requirements and functional designs into technical designs.
* Maintained backup schedules for server storage. Read and interpreted UNIX logs.
* Formulated product requirement and analyzed software microprocessors.
* Integrate disparate systems using custom built API’s Microservices.
* Supported operations and maintenance of safety control units.
* Created working domain for C and C++ in testing environment for software product development.
* Performed both backend validation and GUI testing. Backend validation involved testing the replication server and triggers (insert, update and delete) in Oracle database.
* Participated in client requirement meetings & review meetings and was able to come up with Test Plan, Test Report creation, Test estimation preparation.
* Created and executed Manual and Automation test cases, raised defects and tracked the same to closure.
* Assign tasks, review and evaluate team performance in the absence of team lead.
* Worked with Production environment to resolve several data issues.
* Writing test scenarios, test cases manually and identifying suitable Test Cases for Automation.
* Develop, executed the automation scripts.
* Knowledge Transfer to new team members and helped them to gain maximum knowledge in short span of time.
* Actively participate in project status meetings and enhancement meetings related to Automation testing.
* Performed Defect Reviews, Retest and Defect Reporting.
* Worked on feasibility analysis of Applications that needs to be automated.
* Have been flexible and took up the challenges in the project.
* Prepared KT Plan, Understanding documents, Daily status report, Weekly status report, and Monthly Metrics of the project.
* Developed and maintained automated regression test cases in Selenium Web Driver using Core Java programming language.

Environment: JAVA, Selenium, Gherkin, Eclipse, Cucumber, Perforce, JSON, UFT, QTP, QC, Rally, Maven, SOAP,

Restful Web Services

**CHARLES SCHWAB, NEW JERSEY Mar 2015** **to** **Nov** **2016**

**Project:** **Team** **Moments**

***C, C++ Developer***

* Involved in every step of SDLC process like requirement analysis, designing, coding,
* Unit testing, releasing and providing product maintenance, and documentation at each stage.
* Re-design the classes and methods to improve the code coverage by reducing duplication of code.
* Design and develop System Test Automation Scripts using Selenium, Cucumber, or equivalent tools.
* Support Test Automation solution planning and estimation. Analyze current architecture and test platforms to formulate a vision for growth and expansion.
* Perform detailed test designs using sound software test engineering principals in the context of test automation platforms and integration across distributed systems.
* Collaboratively elaborate requirements to enable Acceptance Test Driven Development ATDD with Business Analysts and developers.
* Perform tasks required for automated test implementation including review acceptance criteria Gherkin scripts, create integration/regression test scenarios, test cases, implement test data management strategy, and generate required reports.
* Improve existing test automation frameworks. Utilize parallel processing or grid systems to speed up the tests.
* Define and establish test metrics to measure not just product quality, but quality of testing and feedback to engineers.
* Responsible for providing technology solutions to the equity business globally including design, development, maintenance, and user training of all vended and internally developed technologies.
* Developed asynchronous event model for processing and tracking transactions.
* Designed, developed and implemented new classes and objects in C++ for handling various trade and clearing events.
* Implemented features in C++ to enable a Linux-based network planning application to configure programmable radios into an integrated mobile network.
* Developed C++ objects and wrote rules using ILOG in UNIX development environment.
* C++ and Python tools / utility development for reporting framework and back office work.
* Design and develop server-side applications on Linux platform in a Scrum/Agile environment.
* Developed a Unit Test framework to unit test all the incoming and outgoing XML messages.
* UI (Java) enhancements to add new forms and to add new user roles and users.
* JavaScript for UI development for future version.
* Enhancing and writing new tools and utilities in C++ to be used by deployment team.
* Create detailed project plan in Rally Software to outline the status and progress for each work item.
* Python scripts to analyze the application logs on daily basis and report any anomaly.

Environment:Java 1.6/1.7, JDBC, UNIX, ,Hibernate 4.x, HTML,CSS, Free Marker Templates, JavaScript , Team

foundation Server, XPath, XML, XSLT, Maven, WebSphere Application server, SQL Server, DB2, Eclipse, log4j.

**Bangalore, India**

**GLOBAL LOGIC TECHNOLOGY ltd**

**Role:** Software Quality Assurance Engineer July 13 – Nov 14

**Responsibilities**:

* Reviewed requirements for testability and usability, and consulted development staff with regards to system functionality.
* Followed up with standard software testing life cycle (STLC) to perform different types of testing for the projects.
* Tested the flow of data from front end to backend databases.
* Tested the real time updates happening in the databases through web services using SOAP UI.
* Develop, maintain and execute manual test cases.
* Performed Functionality testing, Integration testing, and Regression testing.
* Participated in review meetings for creating Test plan and test results summary.
* Analysing business and functional requirement to design SIT and UAT Test Cases.
* Participated to create Test Analysis reports (TAR) and stored them into the Quality Centre.
* Updated RTM on daily basis, send status report and daily tracking report to test manager.
* Performed UAT testing in the UAT environment prior to notify to the customer to start performing UAT testing.
* Participated in the meetings with business users to present future functionality of the application, gather information from them to know about their need and send this information to test manager.
* Worked as module head in the team.
* Training new personnel on application specific knowledge.
* Scheduled defect triage, status calls and made sure project delivery is on track.
* Coding and defect testing.
* High level design creation for change request.
* Productions support and bug fixing for release.
* Implemented and maintained SQL Database system and procedures for efficient and optimized data delivery to the client system.

**Environment:** Oracle 8i, Oracle Reports 6i, Oracle Forms 6i, PL/SQL, C, and Java SE.