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PROFESSIONAL SUMMARY

- 10 years of experience as a SDET with expertise in Framework Development and End to End Testing.
- Sound knowledge on **Junit**, **TestNG** framework for Unit testing, **Maven** for Project building tool, **Jenkins** for Continuous Integration.
- Experienced in designing customized **hybrid framework (Keyword Driven & Data Driven)** using Selenium
- Performed automation of test cases for Regression and functional End-to-End Testing using In-House Java Framework on top of Selenium.
- Experienced in **Page-Object Model (POM)** automation framework and developed automation scripts using **selenium - C#**
- Experienced working with **BDD-SpecFlow** framework
- Developed automated scripts using Selenium Web Driver, TestNG in **Eclipse** to perform functional and regression testing for web-based applications.
- Working Experience on Rest API, Selenium web driver, **Protractor** and TestNG framework in many projects
- Experience in Mobile Automation using **Appium** with **Robotframework**
- Experience of Cross-browser testing and parallel testing across different machines using **Selenium GRID**
- REST API Testing using **Java**, **ParaSoft**, **SOA** Test tool Rest Assured API framework, JSON parsers and Postman/SoapUI tools.
- Having working experience with technologies like **JSON**, **WSDL**, **SOAP**, **REST**, **XML**.
- Expertise in automation of API(SOAP & REST API) using **Postman API - Javascript**.
- Excellent experience in Functional testing, Unit testing, Integration testing, Regression testing, GUI testing, Back-end testing, smoke Testing.
- Experience working with NoSQL databases like **MongoDB**, and also with **MySQL**
- Perform smoke testing, Environment availability testing and API testing for multiple applications in AWS and GCP
- Experience in testing APIs and **Kafka Events** for Microservices using Java.
- Developed a utility using python to compare pdf documents & find the difference using pdf to text library and generating **HTML report**.
- Experience working with **JMeter** for **performance testing**
- Exposure to web technologies like **JS**, **HTML**, **CSS**, **Java**, **JQuery**
- Ability to work with cross-functional team, assign tasks, track, monitor & provide status updates
- Excellent communication skills and presentation skills
- Strong people skills
- Dynamic working with Business Analyst, developers, product team and client support teams budget to for great quality product
- Ability to achieve targets & deliver results in high-pressure environments

TECHNICAL SKILL SET

Programming Languages	C, C++, C#, Java, Python
Scripting Languages	HTML, CSS, Javascript
Automation Technologies	Selenium WebDriver, TestNG, MSTest, Selenium IDE, Selenium RC, Selenium Grid, JUnit, Kafka, Cucumber, SoapUI, QC, ParaSoft SOA Test, UI Path, Tosca
Testing Frameworks	Keyword Driven, Data Driven, Hybrid, Page Object Model, BDD
VCS	Git, SourceTree, GitKraken
Databases	MySQL, MongoDB
Tools	Eclipse, IntelliJ, VS Code, Visual Studio
Test Utility Tools	Firebug, Firepath, Charles Proxy, Jmeter, Postman
Defect Management Tools	JIRA, Asana, ALM, HP QC, Bugzilla
CI/CD	Jenkins, Harness, Drone

WORK EXPERIENCE

Client: Carefirst, Charlotte, NC
Aug 2021 - Jul 2022
Sr Automation Engineer

Description: Carefirst is a health insurance company specializing in claims processing. In my role, I worked on various types of claims processing, utilizing the 837 Institutional and Professional HIPAA Transactions. Additionally, I had experience working with different types of health plans, including PPO, HMO, and POS.

Responsibilities:

- Utilized POSTMAN for REST/RESTful API testing and automated REST calls
- Managed databases using Spring Data repository and automated REST APIs
- Conducted testing for SOAP and REST services using Rest Assured, covering both XML and JSON formats
- Updated client details for the SNAP program using CMS features
- Conducted cross-browser testing for SNAP applications

- Proficient in both manual and automated testing using tools like Selenium, SOAP UI, and Rational Integration Tester
- Involved in the claim adjudication process of the Facets application, performing functional and regression testing
- Developed a Python package to facilitate communication between HP QC and Selenium scripts using REST API, including test plan and test lab details retrieval and defect logging
- Validated HIPAA compliance for transactions 834, 837, 835, 270, 271, 276, and 277.
- Automated tests for REST and SOAP APIs and virtualized APIs using Rational Integration Tester
- Created and deployed load scripts for end-to-end performance testing using LoadRunner
- Applied ETL methodology for testing and supporting data extraction, transformations, and loading in an Informatica-based corporate ETL solution
- Utilized open-source testing tools such as SoapUI, Postman, and JMeter for web services and performance testing
- Analyzed and processed Medicare claims using EDI transactions 270/271 and 278
- Developed test plans and strategies for various areas of Facets, including Claims, Medical Plan, Customer Service, Provider, Subscriber, and Membership
- Gathered business and functional requirements for eligibility determination in SNAP, TANF, and Medicaid programs
- Tested Professional, Institutional, and Dental claims in Facets, both manually and through data entry
- Strong understanding of SDLC, STLC, and QA methodologies, contributing to requirement gathering, test planning, test case creation, test data setup, manual testing, and black-box testing
- Extensive experience in software quality assurance (QA testing) across various domains and application types
- Knowledge of Families First/TANF, SNAP/FS, Child Care, TennCare Medicaid, and TennCare Standard policies
- Identified manual test cases suitable for automation
- Validated WSDL, request, and response XML, adding assertions to validate response XML with the database
- Proficient in GUI testing, regression testing, data-driven testing, functional testing, database testing, and user acceptance testing
- Prioritized test cases using Priority annotations in TestNG and generated reports
- Created Maven projects and configured dependencies using pom.xml
- Prepared test cases using Selenium WebDriver to validate UI components, pop-ups, browser navigation, and mouse movements
- Created test sets for different test cycles within the Test Lab module of HP ALM/Quality Center
- Utilized Postman and SOAPUI for REST service testing
- Developed test plans and test scripts for Selenium using Python
- Utilized Firebug Tool to identify object properties in the application and navigation commands for webpage interactions

Environment: Java, Selenium, ReadyAPI, Eclipse, XML, Jenkins, Bugzilla, JMeter, MySQL, Maven, JUnit, TestNG, Karate, PL SQL, AWS, SOAPUI, JIRA, Facets, Postman

Client: Palo Alto Networks, Plano, TX
Jan 2020 - July 2021
Automation Engineer

Description: Worked for an American multinational cybersecurity company. Its core products are a platform that includes advanced firewalls and cloud based offerings that extend those firewalls to cover other aspects of security.

Responsibilities:

- Working in Agile mode with critical deadlines and predefined set of user stories divided across sprints of 2 weeks
- Understanding the requirements and gathering the project information from User stories & BRDs
- Involved in analyzing user stories, developing test plan, preparation of test scenarios and test cases
- Review of the test cases prepared for functional testing, and prepare test scripts for smoke and regression testing
- Reviewing reports on a daily basis and reporting the issues through bug tracking tool JIRA
- Database testing through MySQL and API testing through Postman
- Involved in salesforce testing and SAP processing(OF)
- Involved in defect triage calls with cross-functional teams on a daily basis
- Involved in Root cause analysis of productions bugs
- Involved in automation feasibility analysis
- Design, Build, and Execute automated test scripts using Selenium Web Driver against web-based applications in C# language
- Maintenance of automation source code in Github

Environment: VS 2012, MySQL, Postman, Web, API

Client: TCF Bank, Columbus, Ohio
Nov 2018 - Dec 2019
Sr Automation Engineer

Description: TCF Bank has established a highly collaborative Integration Center of Excellence (COE) aimed at facilitating the seamless integration of various applications throughout the organization and the implementation of innovative technologies. Following a recent merger with a company of equal stature, TCF Bank is now facing an increased demand for integration services.

Responsibilities:

- Proficient in API testing, utilizing Restful/SOAP UI Web Services for XML and JSON. Request and Response data validation through tools such as Postman and SOAP UI.

- Automated tests for both REST and SOAP APIs and virtualized APIs using the Rational Integration Tester.
- Conducted web services testing using SOAP UI and LoadUI.
- Skilled in creating Automated Web services testing processes using Postman and the Karate framework.
- Utilized automated scripts to conduct functionality testing during various phases of application development using an in-house Selenium framework.
- Automated API services using the Karate framework for Unit Testing, Integration Testing, and Regression Testing.
- Analyzed check payments to reconcile charges on customer accounts using a check scanning system.
- Expertise in project testing within a CI/CD process.
- Developed test automation scripts using Selenium Web Driver for regression and performance testing across various application releases.
- Utilized the TestNG framework to run unit tests and Maven to build the Project.
- Extensively implemented the Page Objects design and page navigation framework for creating readable test scripts and ensuring easy maintenance from a developer's perspective.
- Experience includes testing ACH payments like PPD, CTX, CCD, IAT, Vendor Payments, and ACH Same Day, as well as BAI files end-to-end processing.
- Created XML-based test suites integrated with Jenkins Server for scheduled automation script execution in various test environments with distinct configurations.
- Proficient in service virtualization, including tools like Wiremock and Parasoft Virtualize.
- Hands-on experience with test-driven development (TDD), behavior-driven development (BDD), and acceptance test-driven development (ATDD) approaches.
- Developed automation frameworks using both C# and Core Java programming, leveraging OOPS concepts, Selenium, Java, JUnit/TestNG, Eclipse, and Maven.
- Ensured payments were processed in accordance with Vendor Agreements and corporate accounting requirements, utilizing a payment register.
- Experienced in installing, configuring, and monitoring the Datastax Cassandra Cluster, DevCenter, and OpsCenter.
- Worked on Database Validation Testing.
- Proficient in querying data in the Cassandra cluster using CQL (Cassandra Query Language).
- Experience in importing data from various sources into the Cassandra cluster using Java APIs.
- Prioritized test cases using Priority annotation in TestNG and generated reports.
- Created Maven projects and configured dependencies using pom.xml.
- Implemented continuous integration automation using Jenkins.
- Involved in preparing test cases using Selenium Web Driver to validate all UI components, pop-ups, browser navigations, and mouse movements.

Environment: Postman, SOAP UI, JIRA, PLSQL, JMeter, AWS, Java, Wiremock, LoadUI, GraphQL, Jenkins, Maven, Git, Cassandra

Client: BNY Mellon, New York, NY

Sep 2017 - Oct 2018

Sr Automation Engineer

Description: BNY Mellon is a global financial services company with a strong presence in the United States. It provides a wide range of services, including asset management, wealth management, and investment services. BNY Mellon is one of the oldest and most established financial institutions in the United States.

Responsibilities:

- Involved in both the complete Software Testing Life Cycle (STLC) and Software Development Life Cycle (SDLC).
- Proficient in importing data from diverse sources into Cassandra clusters using Java APIs.
- Skilled in crafting SQL Queries.
- Experienced in API testing, validating Restful/SOAP UI Web Services XML and JSON Request and Response data using Postman and SOAPUI Tools.
- Possess extensive knowledge in payments processing and familiarity with SWIFT messaging standards, including a good understanding of CHIPS, FED, and ACH.
- Participated in testing GraphQL API JSON responses using Postman.
- Have a strong grasp of Electronic Funds Transfer (EFT) systems such as ACH, FedWire, CHIPS, and Automated Cash Management, including hands-on experience with funds transfer applications, SWIFT messaging, and the FIX protocol, including CHIPS and FedWire.
- Hands-on experience with GraphQL for both creating APIs and retrieving data, as well as validation.
- Established a framework from scratch using the API testing tool Karate.
- Utilized WireMock for service mocking when services were not ready.
- Prioritized test cases using Priority annotations in TestNG and generated comprehensive reports.
- Created Maven projects and configured dependencies using pom.xml.
- Participated in testing new semantic search algorithms to enhance user query understanding, provide precise recommendations, and enable faceted search.
- Developed automation scripts for functional user stories and regression suites, with responsibilities including daily automation runs, failure analysis, and reporting.
- Proficiently used WireMock URLs to simulate API endpoint verification.
- Conducted cross-browser functional testing using Selenium WebDriver.
- Implemented continuous integration automation using Jenkins.
- Conducted various black-box testing methodologies, including functional testing, compatibility testing, database testing, usability testing, and regression testing.
- Utilized Quality Center to store testing results, metrics, implemented Test Plan Documents, created Test Cases, managed Defect Tracking, and generated reports.
- Integrated Zephyr with HP ALM and Jira with HP ALM for Agile projects.
- Conducted web services testing using SOAP UI and load UI.

- Executed SQL Queries to perform data-driven tests and reports in both front-end and back-end testing.
- Gained substantial experience in mobile testing using Appium for both iOS and Android applications, utilizing simulators and emulators.
- Conducted back-end testing to ensure data consistency by writing and executing SQL queries.
- Tested REST and SOAP Services using Postman and SoapUI Tools.
- Possess experience in data modeling for Cassandra.

Environment: Java, Selenium, Eclipse, Jenkins MySQL, Maven, JUnit, TestNG, JMeter, Jenkins, GraphQL, Karate, AWS, SOAPUI, JIRA, Postman

Client: McDonald's (e-commerce), Chicago, IL
Sep 2015 - Aug 2016
Sr Automation Engineer

Description: McDonald's is an American fast food company, founded in 1940. McDonald's is the world's largest restaurant chain by revenue and serving over 79 million customers daily in over 100 countries across with approximately 56,900 outlets. McDonald's introduced a GMA app for Mobile ordering with features like Mobile Order & Pay, Easy Pick Up, Deals, Restaurant Locator, Payment Gateways.

Responsibilities:

- Functionality, Sanity, Regression, UAT, E2E and Accessibility testing of GMA apps with Business use cases and test scenarios under various devices/Platform.
- App upgrade and Push Notification testing.
- Understanding Stories and creating test cases according to the Requirements.
- API Analysis of request and response with Charles.
- Creating Data Dependencies and keeping track of them in Jira.
- App upgrade and Push Notification testing
- App Launch and App Response testing through New Relic Dashboard.
- Providing Demo of stories tested to Onshore and Offshore Team.

Environment: Charles Proxy, JIRA,(.APK and .IPA)

YASH Technologies, Hyderabad, India
June 2012 - Aug 2014
Test Engineer

Client: Sikkim Tourism

Description: This mobile app provides a glimpse of Sikkim state. It provides in depth valuable information for tourists and helps plan their visit. Targeted for 3 major mobile platforms Android, iOS and windows.

Responsibilities:

- Preparing a detailed test plan, test scripts and test cases by understanding the business logic and user requirements
- Working with the development team to create a suite of test data (both input files and expected results) that fully exercises data validation
- Reported and documented the defects using GitHub
- Developed and executed Automation Test Scripts using Appium for android OS
- Extensively involved in bug analysis and defect reporting
- Ability to work with the cross functional team, assign the tasks, track and monitor and provide status updates

Environment: VS 2013 with update 3, SQLite Database

Client: Sikkim Tourism(State Permit Tracking System - SPTS)

Description: State permit tracking system is a tool to apply for state permits for the tourists visiting Sikkim. The project is to entail computerization, e-governance implementation for the entire Permit issuing authorities and offices across India. This project comprises two phases, online and offline phases.

Responsibilities:

- Preparing a detailed test plan, test scripts and test cases by understanding the business logic and user requirements. Expertise with Functional testing, System testing, Integration testing, Smoke testing, Expertise testing the application of data driven testing to test the application UI
- Working with the development team to create a suite of test data (both input files and expected results) that fully exercises data validation
- Reported and documented the defects using GitHub
- Developed the Automation Test Scripts for web application
- Execution of test scripts using Coded UI tests (VS2013)
- Extensively involved in bug analysis and defect reporting
- Ability to work with the cross functional team, assign the tasks, track and monitor and provide status updates

Environment: VS 2013, Windows 8.1, C#.Net 4.5, XAML, Web API, SQL Server 2012

Client: Sikkim Tourism(Bus Ticketing System - BTS)

Description: Bus Ticketing System is a Windows Metro and web application useful to Book, Cancel and Retrieve bus tickets and it also provides reports and can maintain bus schedules.

Responsibilities:

- Understanding requirements specification and gaining product knowledge

- Design Test conditions and Test Cases for releases and Emergency Bug Fixes
- Execution of Test Cases as per the agreed cycle time
- Extensively involved in bug analysis and defect reporting
- Developed the Automation Test Scripts for web application
- Execution of test scripts using Selenium webdriver
- Involved in meeting with cross Teams to review the test cases and making sure that the test cases developed are covering the functional specifications and use cases
- Reporting -Defect, Daily status and Weekly status and Dashboards
- Reported and documented the defects using JIRA Bug Tracking Tool
- Coordinating with implementation team at client location

Environment: VS 2013, Windows 8.1, C#.Net 4.5, XAML, Web API, SQL Server 2012