**Ravali Gudipudi**

ravaligudipudi33@gmail.com

**Summary**

* Having 12+ years of experience as QA Analyst in both Manual and Automation testing on various applications like Financial and Healthcare applications.
* 5 years of experience in Design, development, solution providing, and implementation of software applications in Microsoft .Net technologies.
* Proficient in Manual Testing like Smoke Testing, Black Box Testing, White Box Testing, Integration Testing, Database Testing, Regression Testing, Integration Testing, Performance Testing and GUI software Testing.
* Involved in Agile (Scrum Process) methodology-based Project Planning, Test planning and Coordinating on all SDLC phases. Worked as Software Development Engineer in Test (SDET) is responsible for developing and executing comprehensive suites of automation test plans and test cases. Involved in implementation of Test Automation Framework build using Selenium WebDriver
* Excellent knowledge and implementation skills in complete Software Development Life Cycle SDLC and Software Testing Life Cycle STLC
* Energetic, composed, motivated ETL developer with a passion for innovation, learning and technology.
* Expertise in Manual and Automation Testing of Client/Server, Mobile, Web-based and Cloud (AWS)applications
* Developed and published eCommerce web stores using hybris, Tomcat, JSP, JSTL, Spring MVC, Spring, jQuery and MySQL.
* Developed and maintained IAM strategy and roadmap, both tactical and strategic
* Excellent knowledge and implementation skills in complete Software Development Life Cycle SDLC and Software Testing Life Cycle STLC
* Expertise in automated testing using Selenium Web Driver, JavaScript, Protractor, Java, Cucumber, C#, SpecFlow, Appium, Cypress
* Experienced in developing Data driven, Key word driven and Hybrid Framework using UFT/QTP.
* C#/ASP.Net stack: (C#, ASP.Net core, LINQ, Entity Framework, MVC)
* Developed data ingestion modules using AWS Step Functions, AWS Glue and Python modules.
* Responsible for providing product support to users of the Commerce Cloud platform. Supports and contributes to the growth of best practices for delivery of Commerce Cloud support services.
* Expertise in understanding Business Requirement Specifications, Functional Specifications and design documents and converting them into Test Scenarios
* Experience in designing, developing, enhancing module base automation using Tricentis' model - based automation tool TOSCA 9.1.
* Created test scripts using C# and Selenium Web Driver for the functional test cases.
* Experience in Agile methodology, worked very closely with Product owners in Agile and attended different Sprint Planning meeting, Scrum, Backlog grooming, Sprint Review and Retrospective
* Good Experience in Automation testing using Selenium WebDriver & Selenium RC using Java.
* Experience in SOA testing includes developing test scripts in manual and automated testing environments, logging and recording test results, developing test scenarios, identifying, and analyzing test errors, and maintaining test scripts.
* Experience in using LINQ (LINQ to SQL, LINQ to XML), ADO.NET, Entity Framework 4.0/5.0/6.0 and T-SQL in developing Data Access Layer.
* Proficient in performing automation testing in Functional/System, Regression, Integration, Smoke, Cross browser testing in Windows/MAC/Mobile Devices (Android, IOS).
* Involved in app testing on multiple mobile platforms using the same UFT scripts that drive other UFT add-ins (such as Web) with Mobile Trust.
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica PowerCenter
* Created custom hybris store facades and extensions using modulate and NextGen.
* SAP Hybris & Integration with ERP/CRM through Data Hub on B2B & B2C.
* Performing Cross-Browsers/Platforms Testing including Mobile Devices like iPhone, iPad, and Android.
* Lead and develop multiple interfaces using SAP PI/ PO, SAP Cloud Platform using SOAP, REST and file approaches.
* Expertise in creating and enhancing test automation scripts using Quick Test Professional, Ranorex, along with Selenium and Coded UI exposure.
* Manage Jenkins and maintain AWS environment for Jenkins’ test environments.
* Hands on experience in Manual testing of Mobile Apps.
* Created automated test scripts using QTP/UFT and Performed smoke testing, security testing, GUI testing.
* Along with On-shore Test Engineers, conduct Architectural & Technical reviews during software development life cycle and provide suggestions for performance improvements
* Creating test scripts using C# and Selenium Web Driver for the functional test cases.
* Tested applications build on Python and JAVA.
* Experienced in load and performance testing tool JMeter/Load runner.
* Extensively used test management tools - JIRA and HP ALM to develop Test Cases, Test Scripts, execute the Scripts, log triage and track Defects.
* Proficient in writing Selenium Web Driver automation scripts in Java using Maven, Cucumber, and TestNG Automation Testing for Web Applications.
* Ability to accurately Log defects, Escalate Issues and provide accurate management reporting using defect logging tools like Jira, RTC.
* Researched available IAM technologies, evaluated products and made recommendations for product acquisition.
* Used Python programming and language to develop a working and efficient network within the company.
* Supported automated functional testing, acceptance testing, system down testing, cross browser, cross platform web testing with Selenium Web Driver and Appium.
* Detected Defects and communicated to the developers using bug reporting tool and tracked the defects using Version one. Extensive experience in data driven, keyword driven and hybrid test automation frameworks.
* Experience with Automated Testing tools such as Selenium-RC, WebDriver, and Selenium Grid.
* Experienced in automation based on WebDriver and TestNG framework with Java programming language.
* Experienced in Creating/Executing/Troubleshooting Selenium automation test scripts generated from test cases.
* Modified standard programs. Implemented OSS Notes during SAP Support pack upgrades using SPAU Transaction.
* Build various automation suites in RFT to support various test environments.
* Good Experience in Designing and implementing Restful APIs and SOAP Automation testing and by executing both functional and non-functional testing using SoapUI, Postman.
* Experience in migration of Data in Excel, Flat file and Teradata to and from MS SQL Server by using SQL Server SSIS
* Familiar with Linux/ UNIX commands to perform testing on Linux/ Unix environments.
* Good Knowledge in OOPS (Object Oriented Programming System) concepts.
* Good Experience in DevOps automation processes for build and deploy Systems. Well versed with GUI
* Involved in development of Web Forms, Classes and interfaces using C#, .NET Core that incorporates both N-tier architecture and database connectivity.
* Involved in Leasing Industry Implementation project on SAP Hybris Cloud for Customer and SAP CRM Integration on - Global Template.

**Skillset**

|  |  |
| --- | --- |
| **Manual Testing** | White/Black box testing, Functional Testing, Regression Testing User  Acceptance, Testing, Stress Testing, End-to-End/Integration Testing. |
| **Automation Testing** | Selenium Web Driver/ IDE/ Grid, QTP/ UFT, Cucumber, JMeter, Load Runner, Cypress |
| **Defect Tracking Tools** | HP QC/ALM, Jira, Team Foundation Server, Ranorex |
| **Methodologies** | Agile (Scrum), Waterfall, TDD, BDD, ATDD, SAP Hubris |
| **IDE Tools** | Eclipse IDE, Net Beans IDE, IntelliJ. |
| **Web Services** | Soap UI, Postman |
| **Testing Framework** | JUnit, Test NG |
| **Build Tools** | Jenkins, Maven, VMware |
| **Database** | Oracle, My SQL, SQL Server, MongoDB, Cassandra |
| **Version Control** | SVN, GitHub, Bit bucket |
| **Browsers** | IE, Firefox, Google Chrome and MAC Safari |
| **Other Tools** | Oracle, SQL Server, Data stage, Power Center, SSIS, SSRS, SSAS, Data stage 9.1, Erwin9. 5, Crystal Reports, Oracle, Fire Path, ATOM, Sublime Text, Toad, MS Office, Appium, Perfecto. |
| **Languages** | C, JAVA, C#, Python |
| **Scripting Languages** | VB Script, JavaScript, Python Script |
| **Web Technologies** | HTML, HTML5, DHTML, CSS, JSON, XML, XSL, .Net, XPATH, AJAX, JSP, Java Server Pages, (JSP), JSTL, Applets, Java Beans, JDBC |
| **OS** | Windows, Mac OS, Android, IOS, Centos OS, Linux/Unix |

**Education**

* Bachelors in computer science – 2006 from Acharya Nagarjuna University, India
* Masters in computer application – 2008 from Acharya Nagarjuna University, India

**Experience**

**Publicis Sapient, Cambridge, MA Dec 2020 - Present**

**Sr QA Automation Engineer**

**Responsibilities:**

* Demonstrated proficiency in Selenium, Java, and Python, utilizing these technologies to develop robust and scalable automation frameworks for testing applications.
* Developed an automation framework using Selenium with Java, enabling efficient and reliable test automation for a complex web application with a wide range of functionalities.
* Possess strong leadership skills and experience in managing small teams (2-5 members), providing guidance and support throughout the software development lifecycle (SDLC).
* Led a team of automation engineers in the successful execution of test cases, ensuring comprehensive coverage and timely delivery of high-quality test results for multiple projects.
* Extensive knowledge of defect management processes, including the ability to define and enhance defect documentation and the Test Analysis Report (TAR) lifecycle process independently.
* Revamped the defect management process by introducing standardized defect documentation templates and streamlining the TAR lifecycle, resulting in improved communication, resolution, and tracking of defects.
* Skilled in enforcing and adhering to defect and other process guidelines within the team, promoting a culture of quality and continuous improvement.
* Experienced Scala in using and spark streaming for ongoing transactions for customers.
* Implemented a strict adherence to defect management processes within the team, conducting regular audits and providing training to ensure consistent and effective defect handling practices.
* Familiarity with Salesforce is a plus, leveraging Salesforce experience to enhance automation testing capabilities and efficiently validate Salesforce-integrated applications.
* Utilized Salesforce experience to develop specialized automation scripts and test cases for Salesforce-integrated applications, effectively validating the seamless integration and functionality of these systems.
* Proficient in estimating the complexity of applications, using various estimation techniques to provide accurate effort and timeline estimates for testing activities.
* Experience working with Automation Test scripts using TOSCA tool, which helped in executing the Regression scripts automatically.
* Created and managed UFT Test Scripts based on the Requirements and Scenarios.
* Successfully estimated the effort and timeline for testing a high-complexity application, using the Function Point Analysis technique to provide stakeholders with reliable estimates for resource planning and project scheduling.
* Used Selenium, Java, and Python for automation testing. Familiarity with Salesforce is a plus, indicating experience or knowledge of working with Salesforce applications.
* Effectively communicates with team members, stakeholders, and clients to gather requirements, provide updates, and address any issues related to automation testing.
* Developed the SQL Server Integration Services SSIS packages to transform data from MS SQL 2019 as well as created interface stored procedures used in SSIS to load/transform data to the database.
* Collaborated with cross-functional teams to ensure smooth execution of automation testing activities.
* Demonstrates strong problem-solving skills to identify, analyze, and resolve automation-related issues or challenges. Proactively suggests improvements to enhance the automation testing process and deliver high-quality results.
* Stays updated with the latest trends, tools, and technologies in automation testing. Actively seeks opportunities to expand knowledge and skills to contribute to the team's growth and success.
* Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.
* Developed Web Services and WCF services common for various applications using .NET Framework. Configured various Web Applications on Internet Information Server (IIS).
* Modified standard programs. Implemented OSS Notes during SAP Support pack upgrades using SPAU Transaction.
* Created automated script for REST-API testing using Rest Assured framework.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Analyzed the source system and involved in designing the ETL data load.
* Experience on SAP PO B2B Add-on for EDI Integrations
* Experience with cross browser testing, such as Chrome, Internet Explorer, Mozilla Firefox, and Safari.
* Maintain End to End Framework for RESTful Web services testing using POSTMAN and REST-assured.
* Responsible for creating test scenarios for user stories and creating automation test suites using Python, Selenium Web driver, Pitesti framework.
* Wrote and executed automated test cases using Selenium WebDriver to automate manual testing solutions.
* Set-up databases in GCP using RDS, storage using S3 bucket and configuring instance backups to S3 bucket. prototype CI/CD system with GitLab on GKE utilizing Kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deploy.
* Developed automation framework for SOAP and REST (POST, PUT and GET) API Testing using Restful API, SOAPUI, and Postman.
* Developed and Executed Test Plans and Test Cases from Requirements and Specification documents.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Authored and Executed automation and Manual Test Cases for Functional testing of various modules of the application.
* Migrated the functionality of an SQL Job to C#.
* Used Maven, GitHub, Selenium WebDriver, Cucumber, Jenkins, Java, and Selenium Grid to create nightly automation scripts.
* Expertise in deployment of Hadoop, Yarn, Spark and Storm integration with Cassandra, ignite and RabbitMQ, Kafka.
* Created automation script using Selenium WebDriver. Executed scripts on different browser and different platform.
* Developed User Controls, used .NET web controls and improved the performance of the application by configuring the caching.
* Created a Hybrid Framework of automation for the application using VBScript coding in UFT.
* Good Knowledge of TOSCA Test Suite - Module, Test cases, Test Cases Design, Requirement, and execution.
* Maintains accurate and comprehensive documentation of test cases, test scripts, defects, and other relevant artifacts throughout the automation testing process. Ensures documentation is up to date and easily accessible for future reference.
* Works closely with the quality assurance team to align automation testing activities with overall quality goals. Collaborated on test planning, execution, and reporting to ensure the delivery of high-quality software solutions.
* Identifies and troubleshoots issues related to test automation frameworks, tools, or environments. Collaborates with the technical team to resolve any technical challenges that may arise during automation testing.
* Provided guidance, mentorship, and knowledge sharing to junior team members. Assists in their professional development by sharing best practices, providing feedback, and conducting training sessions when required.

**Environment:**Java, Selenium WebDriver, TestNG, Ruby, Maven, Jenkins, Cucumber, SOAP UI, JMeter, XPath, HTML, Eclipse, Jira, Agile Methodology, Git Hub, Mobile Testing, Quality Center, SQL, Oracle, Windows.

**Fiserv, Alpharetta – GA Nov 2019 – Dec 2020**

**Sr QA Automation Engineer**

**Responsibilities:**

* Analyze business requirements and work closely with developers to deliver high quality software.   
  Translate system requirements into test scripts and test cases.
* Lead seven members and develop multiple interfaces using SAP PI/ PO, SAP Cloud Platform using SOAP, REST and file approaches.
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies (TDD), Software Development Life cycle (SDLC) using Agile methodologies.
* Customized hybris front end by extending hybris taglibs to provided added functionality.
* Used Postman tool to test SOAP services and REST API.
* Modified standard programs. Implemented OSS Notes during SAP Support pack upgrades using SPAU Transaction.
* Extensively used ETL to transfer and extract data from source files (Flat files and DB2) and load the data into the target database.
* Automated regression test suite using Cypress that reduced the UAT cycle time by 50%
* Proficiency in highly intuitive web-based and Windows user interfaces using .NET and multi-tier web-based applications that are developed in J2EE.
* Partnered with project managers in the development and implementation of IAM solutions.
* Experienced with event - driven and scheduled AWS Lambda functions to trigger events in variety of AWS resources using boto3 modules.
* Create the application in .NET framework, .NET core and implement logic using C# and OOPS concepts.
* Hands on experience in GCP services like EC2, S3, ELB, RDS, SQS, EBS, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation GCP Config, Autoscaling, Cloud Front, IAM, R53.
* Implemented the modular and data-driven test automation methodologies within the test architecture framework. Used both the Keyword and Expert views using Ranorex tool, Selenium IDE/WebDriver
* Used Xcode 8 IDE, Swift 3, and the Apple XCUI/XCTest application testing framework to create a UI Automated Test framework with these objectives: easy to learn and use, high maintainability, compact code base.
* Created an automated test suite for a Flight routing feature of the flight application based on the new test automation frameworks (Apple XCUI and Confidential Coded UI).
* Create report and updated mass data using TOSCA Query Language (TQL).
* Reviewed business requirements and technical specification documents and Analyzed use cases, functional requirements to write detailed Test plans and Test cases.
* Involved in setting up configuring the testing environment with Eclipse, TestNG, Selenium WebDriver and Selenium Java client driver using BDD framework.
* Created various automated jobs in both SQL Server and C# which data pumps the Sevis data between the Internal system and Vendor Software.
* Expert in implementing advanced procedures like text analytics and processing using the in-memory computing capabilities like Apache Spark written in Scala.
* Worked on SAP S4 cloud integration with SaaS, on-premises systems and B2B(EDI) partners using SAP CPI
* Designed and developed Page Objects using Page Object Design Pattern and Selenium WebDriver.
* Experience in setting up full CICD Processes from creating Jenkin jobs for various test suites and setting up pipeline dependencies and automated scheduling.
* IAM Analyst supporting an IAM Cloud based IAM solution.
* API Expertise on Testing REST API using Robot Framework and SOAP UI
* Responsible for implementation of Behavior Driven Development Testing Automation Framework build using Selenium WebDriver, Cucumber, TestNG and Maven technologies under Java platform.
* Loaded product catalog data into the hybris PCM using hybris ImpEx tooling.
* Performed comprehensive manual testing to test website compliance against requirements Performed Data driven testing using Selenium WebDriver, Cucumber, TestNG functions and JDBC Connections which reads data from scripts using property and XML files.
* Kept Environment Variables for URLs, usernames and passwords in XML files for UFT test data.
* Used HTML DOM and XPath to identify dynamic objects from web application for UFT.
* Provided support in the performance testing using JMeter task includes developing test plan, test script and reports.
* Developed Web Services and WCF services common for various applications using .NET Framework. Configured various Web Applications on Internet Information Server (IIS).
* Modified standard programs. Implemented OSS Notes during SAP Support pack upgrades using SPAU Transaction.
* Created automated script for REST-API testing using Rest Assured framework.
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Analyzed the source system and involved in designing the ETL data load.
* Experience on SAP PO B2B Add-on for EDI Integrations
* Experience with cross browser testing, such as Chrome, Internet Explorer, Mozilla Firefox, and Safari.
* Maintain End to End Framework for RESTful Web services testing using POSTMAN and REST-assured.
* Responsible for creating test scenarios for user stories and creating automation test suites using Python, Selenium Web driver, Pitesti framework.
* Wrote and executed automated test cases using Selenium WebDriver to automate manual testing solutions.
* Set-up databases in GCP using RDS, storage using S3 bucket and configuring instance backups to S3 bucket. prototype CI/CD system with GitLab on GKE utilizing kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deploy.
* Developed automation framework for SOAP and REST (POST, PUT and GET) API Testing using Restful API, SOAPUI, and Postman.
* Developed and Executed Test Plans and Test Cases from Requirements and Specification documents.
* Setup full CI/CD pipelines so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to the production.
* Authored and Executed automation and Manual Test Cases for Functional testing of various modules of the application.
* Migrated the functionality of an SQL Job to C#.
* Used Maven, GitHub, Selenium WebDriver, Cucumber, Jenkins, Java, and Selenium Grid to create nightly automation scripts.
* Successfully implemented physical database on MS SQL Server 2017. Supported complex relationship using triggers.
* Migrating various Hive UDF's and queries into Spark SQL for faster requests.
* Created automation script using Selenium WebDriver. Executed scripts on different browser and different platform.
* Developed User Controls, used .NET web controls and improved the performance of the application by configuring the caching.
* Used Maven for building the Selenium WebDriver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Executed SQL queries, Joins and Performed Backend testing and ensured the retrieval of the data from the database. Validated Reports and statements.
* Involved in acceptance testing using Cucumber, Selenium WebDriver and BDD Framework.
* Having experienced in Agile Methodologies, scrum stories and sprints experience in a python-based environment.
* Maintained the Set up System Connections for hybris-SAP Solution Integration, Configure Basic Settings on SAP ERP for Asynchronous Data Replication to DataHub Synchronize Common Data between SAP ERP and hybris
* Led IAM strategy development and maintained IAM tactical and strategic roadmap
* Contributed to the Continuous Integration pipeline running component builds, creating and running Deployment jobs on individual stages on Jenkins, and running automated and manual functional tests.
* Designed Hybrid Appium Test automation framework, using a Page Object Model for mobile applications.
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica PowerCenter
* Performed BDD (Behavior Driven Development) using Cucumber Features, Scenarios, Step Definition and Gherkin format.
* Worked with the Ranorex automation tool by using the Ranorex Recorded, Ranorex Repository, and the Ranorex Spy also evaluated Coded UI with its data driven and assertion capabilities.
* On daily basis used build tools like Maven (CD) and Jenkins (CI) to build and regress automated tests; documented and tracked defects and produced detailed reports using Jira.
* Executed the test plans on web and mobile (Apple & Android) as per requirements using Appium tool.
* Developed automation script for Mobile Native applications (IOS, Android) using Appium, Java.
* Test the successful application written to perform numerous administrative, maintenance, security, and other software updates of mobile devices (based on iOS and Android) in Appium.
* Tested web applications developed with CSS3, HTML5 and angular2.
* Responsible in executing Selenium test scripts on different browsers and checked for compatibility.
* Create, schedule and run the scenarios using JMeter and generate necessary graphs.
* Created data-driven automation scripts for testing API Web Services using REST API.
* Tested request and response XML based web services interfaces using Soap API in Soap UI.
* Tested the application in highly dynamic environment with sprint team using Agile Methodology.
* Performed REST Web Services testing with Postman and Performed Security Testing for Employee login validations.
* Developed several Classes using C# and experienced in creating Assemblies and Name Spaces.
* Modified standard programs. Implemented OSS Notes during SAP Support pack upgrades using SPAU Transaction.
* Performed automation evaluation for the Ranorex autmation tool that involved using Recording Code modules
* Used C#.NET to develop code for business and repository layer.
* Used Firebug to identify Elements by ID, Name, CSS, XPath, and Links on Web Pages.
* Used HP ALM for Test Management, for Functional Test automation.
* Create performance scripts using JMeter and set up the Performance test scenario in Controller.
* Log defects using JIRA application and communicate the defect status updates to the responsible analysis and implementation teams.

**Environment:** Java, Selenium Web driver, C#, SOAPUI, Spec flow, N Unit, Jenkins, JMeter, Appium, Visual Studio, TFS, .Net, Python, MS SQL, MS Excel, MS Visio

**CME Group Inc., Detroit, MI Jan 2018 – Oct 2019**

**QA Automation Engineer**

**Responsibilities:**

* Analyze business requirements and work closely with developers to deliver high quality software.   
  Translate system requirements into test scripts and test cases.
* Worked in a highly dynamic AGILE environment and participated in scrum and sprint planning meetings.
* Good knowledge in relational and NoSQL databases like MySQL, DynamoDB, Redshift and AWS RDS.
* Performed Defect Tracking & Management in JIRA. Generated automated daily reports using JIRA.
* Design, Develop and Execute load tests using JMeter and Jenkins and Integrated the project for Continuous Integration (CI).
* Developing automation scripts for Mobile Native applications on Android platforms using Espresso and XCUI
* Conducted in-depth research on IAM technologies to aid in proper effort prioritization.
* Worked with Web API for building Restful applications on the .Net Framework.
* Created Shared and Local Object Repositories in Ranorex
* Interacted with functional/end users to gather requirements of core reporting system to understand exceptional features users expecting with ETL and Reporting system and also to successfully implement business logic.
* Configured hybris using hybris Administration Console, hybris Management Console (hmc), hybris Product Cockpit, hybris CMS cockpit, hybris Multi-Channel Cockpit, etc.
* Supported automated functional testing, acceptance testing, system down testing, cross browser, cross platform web testing with Selenium Web Driver and Appium.
* Assisted different projects within an organization to implement of TOSCA Test Suits.
* Write a back-end logic by choosing C# language with Asp.net Core Web API.
* Responsible for B2B add-on initial setup and configurations
* Working on EDI 850 and 856 transactions using B2B Add-on
* Building/Maintaining Docker/ Kubernetes container clusters managed by Kubernetes Linux, Bash, GIT, Docker , on GCP
* Used sparkSQL for reading data from external sources and processes the the data using Scala computation framework.
* Performing a variety of software testing including unit, functional, usability, system integration, regression, cross browser and OS compatibility, mobile application and performance testing.
* Design test cases for E2E system flows and validation for integration testing.
* Extensively involved in all stages of testing life cycle, Test Driven Development methodologies and Software Development Life cycle (SDLC) using Agile, Scrum methodologies.
* Increased productivity by automating front end testing using Python / Selenium and SoapUI.
* Used Selenium web driver, TestNG, Cucumber, Java to write the test scripts.
* Experience in building POC and effort estimations for SOA Web Services testing.
* Manage Amazon Web Services (AWS) infrastructure with orchestration tools such as CFT, Sceptre, Terraform and Jenkins Pipeline
* Worked with accounting department in matters concerning billing and billing reports.
* Worked existing Selenium automation Framework with java using Data Driven testing and MS Test.
* Experienced in testing framework using Behavior Driven Development (BDD) tools like Spec flow.
* Designed structured User Interface UI automated Test cases using Selenium Web driver in java for web-based software products used to perform software testing.
* Implemented Test-driven development (TDD and BDD) framework using cucumber tool.
* Actively involved in all the stages of process Validation - Process Design, Process Qualification, and Process Verification.
* Involved in creation of .NET XML Web Services and used AJAX for consuming Web Services.
* Very keen in knowing newer techno stack that Google Cloud platform (GCP) adds.
* Collaborate with customer's implementation partner to achieve overall satisfaction with the solution and to create a trusted 3-way partnership between customer, partner, and Salesforce Commerce Cloud
* Involved in writing test scripts using java and executed it through Selenium WebDriver, Cucumber for Functional and Regression testing.
* Performed API testing using Soap and Rest API webservices using tool SOAP UI.
* Performed Smoke, Functional, GUI/design, Block Box, End to End, Navigational and Regression tests during the execution phase.
* Developed ETL procedures to ensure conformity, compliance with standards and lack of redundancy, translates business rules and functionality requirements into ETL procedures.
* Experienced in using GitHub as a source repository system to share code within the office as well as with the team in overseas.
* Tracked the defects using HP ALM tool and generated defect summary reports.
* Worked with the Web programming language HTML5, CSS3, XML and selected web element by using developer tools.
* Using Espresso with Xcode to automate tests in parallel and priorities of the Test cases are set using Kotlin and XCUI environment
* Wrote Data driven, Cross Browser automation test cases and executed them for Cross browser compatibility using Selenium Web driver.
* Used SVN tool for Source code management and used Selenium Grid for parallel, Batch Test Execution.
* Worked with SAP and Confidential team for SAP PO and B2B Add-on installation and configurations
* Deep understanding of the Commerce Cloud capabilities
* Generated a library of test cases by querying JIRA using a Python   script that extracted Reproduction Steps from all project-related tickets.
* Used SoapUI and Postman tool to test SOA based architecture application to test SOAP services and REST API.
* Performed back-end testing using SQL queries to make sure that data entered has been uploaded correctly into the database tables.
* Extensively used SQL statements to query the SQL Server for Data Validation and Data Integrity.

**Environment**: Java, SOAP UI, REST, TestNG, Git/Git hub, Postman, Jira, JMeter, Selenium Web Driver/Grid, SQL, CSS, XML, Espresso, Unix, SOA, Cucumber, Appium, BDD, TDD, Python, Eclipse IDE, IOS, Android, HTML, XPath, C#, Maven, Jenkins.

**Alpha Tec Spine Carlsbad, CA Oct 2015 - Dec 2017**

**QA Tester**

**Responsibilities:**

* Reviewed Project Artifacts, analyzed Requirements, designed the test plan and provided a weekly status report that includes testing metrics, test logs, and tests summary reports.
* Conducted walkthrough meetings with SDLC team to understand the functionality, risk, and operations management of the application.
* Validated Requirements Traceability Matrix (RTM) and Users Requirement documents to prepare SIT test plan and test scenarios.
* Created test data for QTP scripts, used external data sources and excel sheets to import test data.
* Executing the test cases and implemented Functional, Integration, GUI Testing, Regression Testing, Sanity, and User Acceptance Testing (UAT).
* Developed SQL Queries to query Database to test the back end of the application.
* Effectively managed the testing process using HP Mercury Quality Centre to manage the requirement and test case and have clear traceability between them.
* Document the defects using the HP Mercury Quality Centre and track them to completion by communicating and coordinating with the development as well as support groups.
* Responsible for System Integration Testing and UAT Testing Defect Review and tracking to closure.
* Coordinated with the onshore and offshore resources.
* Set up the test environment and was responsible for the migration between the Development Environment and Testing Environment.
* Created and executed test cases to test SAS products of GE integrated with base applications for rewards and marketing reports.
* Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
* Worked on testing SOAP-based web services and API using SOAPUI.
* Conducted manual and automated testing for functional and non-functional test cases.

**Environment:** Quality Center, QTP, UAT, Java, Oracle 11g, SQL Server 2012/2014, MYSQL.

**Cardinal Health Inc. Dublin, Ohio June 2013 – Sep 2015**

**SDET Engineer**

**Responsibilities:**

* Involved in end-to-end testing for the application.
* Involved in the creation of Test Plan, Scenarios, Test Case Design, and Peer Reviews
* Designed and Implemented a Hybrid Test Automation Framework using Selenium WebDriver
* Performed GUI functional testing for the application.
* Involved in Test Plan creation, Test Case Design, Test case Review, Test Case Execution, Writing Test scripts, testing tools Usage, Defect management, and Prepare Test reports.
* Worked in Agile/ Scrum methodology for Test Driven Development (TDD)
* Planned, designed, executed, and evaluated performance tests of the web application and ensured optimal application performance using Load Runner
* Designed and reviewed the Test scenarios and scripts for given functional requirements and Automated test cases in Selenium.
* Built full stack web applications using C#, .Net Core MVC Framework, Entity Framework Core and MySQL
* Developed automation test cases, executed these test scripts, and logged defects in JIRA.
* Generated automated scripts using Selenium WebDriver and Java and maintained regression test suites.
* Configured Selenium Web Driver, TestNG, Maven tool and created automation Regression test suite for the daily build using Jenkins.
* Performed API testing for web services, and developed Test suites using XML SOAP using Soap UI and Postman tool
* Reviewed database test cases according to assigned Requirements to validate reports by retrieving data with complex MS SQL queries from SQL Server
* Designed data-driven testing in Selenium and captured data dynamically from web controls
* Performed Functional, System and Regression Testing on web and mobile applications at various phases of the Project life Cycle.
* Performed browser compatibility testing for the application under various cross browsers (Safari, Firefox, IE, Chrome) using HTML IDs and XPATH in Selenium WebDriver
* Involved in implementing logging and tracking using Jira.

**Environment:** Java, Selenium WebDriver, Jenkins, TestNG, Maven, SOAP UI, Eclipse IDE, HP Quality Center 11.0, agile, Oracle 11g and Windows.

**Forsys Software Pvt Ltd, Hyderabad – India Aug 2010 - Apr 2013**

**QA Engineer**

**Responsibilities:**

* Reviewed Project Artifacts, analyzed Requirements, designed the test plan and provided weekly status report that includes testing metrics, test logs and test summary reports.
* Conducted walkthrough meetings with the SDLC team to understand the functionality, risk and operations management of the application.
* Validated Requirements Traceability Matrix (RTM) and Users Requirement documents to prepare SIT test plan and test scenarios.
* Conducted manual and automated testing for functional and non-functional test cases.
* Created test data for QTP scripts, used external data sources and excel sheets to import test data.
* Developed SQL Queries to query Database to test the back end of the application.
* Effectively managed the testing process using HP Mercury Quality Centre to manage the requirement and test case and have a clear traceability between them.
* Document the defects using the HP Mercury Quality Centre and track them to completion by communicating and coordinating with the development as well as support groups.
* Coordinated with the onshore and offshore resources.
* Set up the test environment and was responsible for migration between Development Environment and Testing Environment.
* Created and executed test cases to test SAS products of GE integrated with base applications for rewards and marketing reports.
* Worked on testing SOAP web services and API using SOAPUI.

**Environment:** Quality Center, JIRA, QTP, SQL Server 2005/2008, MYSQL.

**HCL America, India Oct 2008 – Jul 2010**

**QA Automation**

**Responsibilities:**

* Used Agile Methodology for developing the Application.
* Developed the application to provide service to internal applications.
* Involved in analysing system requirements and designed the functional and technical specifications of the project.
* Used the core java concepts like Abstraction, Polymorphism, Inheritance and Encapsulation.
* Involved in development using struts components—Struts-config.xml, tiles, form-beans and plug-ins in Struts architecture.
* Developed the application using Struts Framework that leverages classical Model View Controller (MVC) architecture with JSP as the view.
* Extensively involved in developing Web interface using JSP, JSP Standard Tag Libraries (JSTL) using Struts Framework.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of messages.
* Used XML Web Services using SOAP to transfer the amount to other applications that are remote and global to different financial institutions.
* Designed and developed the Struts Validators, Controller Classes and Javabean components.
* Designed and Developed Stored Procedures, Triggers in Oracle to cater the needs for the entire application.
* Developed complex SQL queries for extracting data from the database.
* Worked on the Multi-Threading and JAVA Collections API for handling the data objects between the business layers and the front end.
* Involved in consuming SOAP based web services using JAX-WS.
* Used SoapUI for testing the Web Services and Apache Ant for the build process.
* Good experience in implementation of Internationalization (i18n) in web applications with Struts along with JSPs and Servlets
* Developed front-end content using JSP, HTML, CSS, JSTL and Struts Tag libraries.
* Developed Action form beans to map the form elements and used Validation framework for validating the user input data, extending Struts components.
* Used WebSphere as an application server in developing the project.
* Interacted with the database using Oracle 10g for data retrieval and maintenance.
* Involved in writing build scripts using ANT
* Developed JUnit test cases for all the developed modules.

**Environment:** Struts 1.2, spring 2.1, JDK 1.5, EJB 3.0, JSP, Servlet 2.0, JMS, Web Services SOAP, XML, Servlets, HTML, JSTL, ANT, CSS, PL/SQL, Junit, Oracle 10g, WebSphere.