**Chandana Sunkara**

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**Raleigh, NC**

**SDET**

**PROFESSIONAL SUMMARY**

* **9+ years** of experience as a Quality Assurance Analyst in executing and testing of client server architecture and web-based , mobile applications using Manual, automation testing using **Selenium web driver, Cucumber and Java.**
* Proficient in GUI Testing, System Integration **Testing SIT , Regression testing, End to End testing, User Acceptance Testing UAT , Functional testing, Sanity testing and Smoke Tests for complex scenarios.**
* Experience in Hotfixes testing and supported for production issues.
* Expertise in **Selenium automation using Selenium WebDriver, JAVA, C#, JUnit, TestNG, Cypress, Maven, Jenkins, TFS and GitHub.**
* Expert in developing test scripts using **Java, C# ,JavaScript** and Test Frame works using **Test ng/ Junit, ANT/MAVEN build tools.**
* Implemented different automation **frameworks POM, Hybrid and Data Driven** framework.
* Experience in Mobile APP testing on **Android, iPad and iPhone, Emulator, Simulator to perform Mobile App testing, phone functionality and native app testing.**
* Implementation of framework **in Xcode to** handle UI tests and Accessibility tests.
* Good experience in **HIPAA** Forms and Claims
* Hands on experience on Healthcare Modules – **Enrolment, Billing, Claims**
* Hands on experience in HIPAA X12 and EDI transactions of **811 , 820 , 834 , 835,837.**
* Entered Claims and Customer Service Tasks into the FACETS.
* Worked on different **EDI transactions** like 837 for submitting claims**, 835 for payments, 834 for benefit** enrolment, and 820 for premium payments to insurance products, 270/271 for Eligibility inquiry, and 276/277 for claims status.
* Experience in preparation **of Test Strategy and Test plan documents**.
* Solid experience of Defect/Test Management tools like **JIRA, HP Quality Centre, HP ALM, TestRail**, and Bugzilla.
* Worked on Protractor with **Typescript and cucumber** to write feature files to run Angular application test cases.
* Experienced in developing automated test scripts using **Playwright, Selenium WebDriver, Java, C#, developing tests using TestNG, Junit frameworks.**
* Extensive working experience on all phases **of Software Development Life Cycle (SDLC)**, its methodologies such **as Agile, SCRUM and Waterfall** Model.
* Good experience in Web services test execution using **SOAP UI.**
* Implemented continuous delivery pipeline with **Jenkins and GitHub and AWS.**
* Experience in source version controlling tools such as **SVN, TFS, and GIT**.
* Professional work experience in Test cases, Test data preparation and Test execution
* Hands-on experience on **Playwright Testing for end-to-end** test framework for AngularJS applications and other JavaScript applications.
* Experience in Test Planning, Scripting, Scenario configuration, analysis, running automated tests and complete understanding of **Software Development Life Cycle (SDLC)**
* Experience in maintaining and suggesting test beds needed for regression and integration testing.
* **Write BDD (Behaviour Driven Development**) tests using Cucumber and JavaScript
* Develop Node based Automation scripts using **JavaScript for UI Automation**
* Experience in using bug tracking systems like **JIRA**, and HP Quality Centre.
* Solid experience of **AGILE** Methodologies and Scrum processes.
* Experience in mobile APP testing on Android, iPhone, iPad, Emulator, Simulator to perform mobile app testing, phone functionality and native app testing.
* Experience with mobile **compatibility testing and mobile application testing -iPhone**.
* Experience in working directly with end users and business teams to proactively identify test cases and test scenarios **in SCRUM and BDD methodologies.**
* Wide experience in preparing test cases & test suites and testing **REST and REST** based web services using **POSTMAN.**
* Experience in **using SQL Server**, to fetch data from database and compare with the **REST** response.
* Experience in MAVEN build automation tools,
* Design, develop and execute load tests using JMeter and Jenkins
* Good Knowledge on **API services** using **Karate DSL** framework for Unit Testing, Integration Testing and Regression Testing.
* good experience in software testing, with a focus on simulator and emulator testing on Linux
* Experience on **RHEL like installing, upgrading, and configuring** Linux RPM packages by using YUM installation.
* Have good Experience **in Unix and Windows** platforms.
* Experience in File System Management **in RHEL, HP-UX and other UNIX Flavors** (Solaris, AIX)
* Having good Experience **in RHEL & HP-UX services like SSH, Iptables, HTTP, FTP, NFS**.
* Proficient Knowledge on Remote desktop management
* Experience **in Linux Virtual Machines** and having good Networking experience on windows and Linux machines.
* Experience in **Networking on Windows and Linux machines.**
* Excellent Interpersonal skills and Analytical skills.
* Exceptional problem solving, decision-making, strong interpersonal and communication skills.

**TECHNICAL SKILLS**

* Automation Testing Tools **Selenium WebDriver, Cucumber, Specflow, JMeter, UFT, Robot**
* Automation Frameworks **POM, Data Driven, Keyword Driven and Hybrid**
* Test Management Tools  **Test Rail, HP QC and ALM**
* Bug Tracking Tools **JIRA, Rally, Bugzilla, ALM**
* Languages  **Java, Java Script, C#**
* Continuous Integration Tools **Jenkins, GitHub and Maven, TFS, AWS**
* Other Tools/DB  **Eclipse, Visual Studio, Intelli J, Spring Tool Suite, SoapUI, Confluence,**
* Processes Followed **Agile Scrum, TDD and BDD, ATDD, Appium, Xcode, Cypress**

**Education:**

* MCA (Master of Computer Applications):2010/Anna University
* B.Sc. (Bachelor of science):2007/Nagarjuna University

**PROFESSIONAL EXPERIENCE:**

**Optum (United Health Group) CA (April 2021 - till date)**

 **SDET Engineer**

**Roles and responsibilities:**

* Created **the test strategy and test plans**.
* Implemented the test cases for system and performed regression testing.
* Hands on experience in **EDI transactions** used in healthcare industry and good knowledge of **HIPAA X12.**
* Hands on experience on Healthcare Modules – **Enrolment, Billing, Claims**
* Knowledge in **HIPAA** Implementation. Have been involved in a variety of HIPAA related projects. Medical Claims experience in Process Documentation, Analysis and Implementation processes of Medical Claims Industry from the Provider/Payer side.
* Involved in **HIPAA/EDI** Medical Claims Analysis, Design, Implementation and Documentation. Involved in HIPPA **Complaint X12N837** Transaction testing.
* Analysis of inbound and outbound interfaces and extensions to **Trizetto FACETS** Claims Processing system.
* Excellent knowledge to **do UAT testing and working on defects**
* Participated in **UAT testing** for the portals of Healthcare Programs Enrolments.
* Responsible **for Back-End Testing Using SQL** Commands using TOAD.
* Developed **SQL queries**, functions, stored procedures and triggers to perform the backend testing of the data
* Started using Cypress and Performed **UI and API testing using Cypress .**
* Wrote JavaScript Automation code to verify the trigger logic of the questions triggered based on specific answers provided by the users and specific forms triggered based on the user’s answer selection
* Wrote **BDD JavaScript** code to automate the angular.js application developed using Form.io in our automation framework
* Wrote and executed automated tests in **Typescript/Playwright** for a browser-based application.
* Hands on experience on working **Cypress for angular application** end to end testing.
* Hands on experience in different Health care programs and care plans. Extensive knowledge of Health information and health care services regulatory environment including **HIPAA.**
* Created automated test cases **using Selenium Suite** (Web driver, RC, Grid and IDE), and using JAVA programming and Eclipse IDE.
* Experience in RESTful Webservices testing using **Rest Assured Framework Java.**
* Tested the REST calls (POST, GET, PUT, DELETE methods) using **POSTMAN and Playwright.**
* Mocked up various critical **EDI transactions** like 83x transactions (820,834, 835,837) and 27x transactions (270,271) and loaded them to facets.
* Used **Azure Devops , Jenkins, GitHub, TFS actions** to build the CI/CD pipeline.
* Well-versed in software functional testing practices, methodologies, and standards
* Validated **JSON Formatted** data, different https status codes like, 200,201,400,415,415,500 etc.
* Developed the UAT Test cases and executed them with the flow of the Project.
* Automated the API services using Karate DSL framework for Unit Testing, Integration Testing and Regression Testing.
* Implemented a **Continuous Delivery pipeline with Jenkins and GitHub and AWS**
* Experience in deploying Change Orders in Legacy, **Windows Desktop and AWS environment.**
* Have good Experience the API’s **Using POSTMAN and Rest API**
* Good experience in the collections and collection runner using **POSTMAN**.
* Good experience in different authorizations using **POSTMAN**
* Extensive experience **in CI/CD** pipeline Using Azure Devops.
* Maintained the test documents in the share point.
* Performed defect tracking and management in **SharePoint and JIRA**
* Experience on working **Cypress** for angular application End-End testing.
* Performed UI and API testing **Using Cypress.**
* Worked effectively with Developers and Project Management to achieve high quality, release deadlines, and QA processes improvements.

**Environment: Selenium WebDriver, Java, JMeter, Appium, CICD, AWS, REST API Testing, POSTMAN, BDD Specflow , Microservices, Agile Methodology, Manual Testing, Automation Testing, SDLC, STLC, E2E testing, MS Visual studio, Hot Fixes , Rally , Service now , TFS , UAT Testing .**

**Fiserv (Raleigh, NC) (Jan 2019 – March 2021)**

**QA Analyst**

**Roles and responsibilities:**

* Implemented the test cases and test data and involved in test execution for system testing.
* Implemented the automation using **Selenium WebDriver with C#**
* Customized the selenium test as per the testcase by using the java script.
* Performed defect tracking and management in SharePoint and JIRA
* Created automated test cases using **Selenium Suite (Web driver, RC, Grid and IDE), using C# programming and MSV Studio.**
* Experience in **RESTful Webservices** testing using **Rest Assured Framework** **C#.**
* Used **SonarQube, SonarLint** for code inspection and optimization
* Worked effectively with Developers and Project Management to achieve high quality, release deadlines, and QA processes improvements.
* Involved **in Junit testing**, **SonarQube code coverage** tool and Mockito and implemented the same in Core automation framework
* Used different types of virtual devices (Emulator & Simulator) and real devices for Test Cases Validation.
* Implemented mobile automation frameworks **using Appium.**
* Implemented Appium scripts to test IOS and Android platforms.
* . Experience in developing the automation scripts using C# and core Java using OOPS concepts and selenium
* Designed and developed hybrid framework **using .Net, C#, and Nunit.**
* Used C# programming language as business logic in Visual studio 2012 as IDE.
* Implemented UI Automator viewer in Appium to inspect elements in mobile applications.
* Automated smoke and regression test suites using **Selenium and C#.**
* Applied robust Page object pattern (POM) on new builds and every modification in the application for Selenium Web Driver to **do Smoke & Regression testing.**
* Defect management**: logging, tracking, closing, reporting at project level.**
* Designed and reviewed the Test scenarios and scripts for given functional requirements and Automated **test cases in Selenium.**
* **Used POSTMAN tool** for Rest service testing.
* **Performed database testing by writing complex SQL** queries on Microsoft SQL Server tool to retrieve data and compare it against the information displaying in application for data accuracy.
* Working on Integration Testing and Data Testing
* Designed and reviewed the Test scenarios and scripts for given **functional requirements and Automated** test cases in Selenium.
* Environment: Selenium WebDriver, SoapUI, JMeter, Appium, CICD, SonarQube**, Jenkins, REST API Testing POSTMAN, Gherkin, Microservices, Ansible, Agile Methodology, TestRail ,Manual Testing, Karate DSL, Automation Testing, Business Analysis, Ruby, Functional Analysis, SDLC, STLC, E2E testing, Selenium, Eclipse IDE.**

**QA Automation Tester (Aug 2017 – Dec2018)**

**Genentech (SFO, CA)**

**Roles and Responsibilities:**

* Developed and Implemented detailed **Test Strategy and Test Plans.**
* Implemented the Test Cases, Test Data and Test execution for **System, Regression, UAT and Pilot Production testing.**
* Implemented automation using **Selenium WebDriver, JAVA, JUnit, TestNG, Cucumber, Fitness and Maven**
* Developed **Keyword Driven and Data Driven frameworks** to retrieve test actions, test data from Excel files and SQL Databases.
* **Developed BDD tests using Cucumber** by writing behaviours and step definitions. Developed required Selenium support code in **JAVA for Cucumber**.
* Communication and Co-ordination with multiple functional areas, groups and vendors for the successful execution and implementation of applications.
* End-to-End Project Test execution and delivery using Onsite-Offshore model.
* Mitigate risk by identifying, escalating, and resolving issues across multiple delivery groups and/or projects.
* Created the **test strategy and test plans**.
* Design and execute features of **ATDD (Acceptance Test Driven Development)/BDD using Selenium, Cucumber for Java.**
* Implemented the automation using **Selenium WebDriver with Java**
* Working on CICD integration using **Jenkins and GIT HUB** tool.
* Performed database testing by writing complex **SQL queries** on Microsoft SQL Server tool to retrieve data and compare it against the information displaying in application for data accuracy.
* Performed defect tracking and management in SharePoint and **JIRA**
* Developed the **UAT Test cases and executed** them with the flow of the Project. Defect management: logging, tracking, closing, reporting at project level.
* Designed and reviewed the Test scenarios and scripts for given functional requirements and Automated test cases in Selenium.
* Performed Defect Tracking & Management in **JIRA and HP ALM.**
* Participated in Web services test execution using **SOAP UI tool**.
* Worked in a highly dynamic **AGILE environment** and participated in scrum and sprint meetings.
* Participated in high-level and low-level grooming of user stories.
* Estimated the user stories in terms of story points and hours using poker planning.
* Participated in Sprint Planning, **daily Scrum** meetings, **Sprint demo and retrospective meetings.**
* Created the user stories and tasks in JIRA and maintained the scrum white board in JIRA.

**Environment: JIRA, Confluence, TOAD, Java, SoapUI, XML, Selenium, TestNG, Maven, Appium, Protractor, Gherkin, Robot, RHEL, Solaris, Java Script, Mobile, REST, SOAP, HTML, Android, Cucumber, Jenkins, GIT, TFS,SQL**

**IBM, Bangalore (July 2014-Nov 2016)**

**Quality Analyst/SDET Engineer**

**Roles and Responsibilities:**.

* Created and executed test cases in **QC based on use cases ✓ Created test data for system testing.**
* Reported bugs using **Quality Center.**
* Created test data in xml files.
* Prepared test **reports and graphs in QC**
* Executing the test scripts on IE, Firefox, and Google chrome browser’s
* Deployment jobs on individual stages on Jenkins and running automated and manual functional tests.
* Configured and Maintained dependencies required for the module in Maven Configuration file.
* Extensively used SQL scripts/queries for data verification at the backend. /2
* Performed functional testing of **SOAP and RESTFULL Web Services using SOAP UI Tool**.
* Developed test harness for **Web Services** automated testing by means of **SOAP UI and ANT**.
* Interaction with Project Managers to discuss on ongoing project and QA strategy which needs to be followed.
* Worked on Web services testing using automation tools **SOAPUI** pro and CA DevTest
* Assist QA Team with defining and implementing a defect resolution process including defect priority, severity, next steps, and assigned owner.
* Wrote test cases, implemented ran and added versions and iterations using Test Manager for positive, negative and **END-TO-END Test cases.**
* Identified and reported bugs using defect tracking tool HP Quality Center and presented bug reports for weekly status updates.
* Worked in a highly **dynamic AGILE environment** and participated in scrum and sprint meetings.

**Environment: IBM Devops Tools, UCD, UCDP, UCB, AWS, Unix, RHEL and Networking, Windows, Manual Testing**