**Siri Tummala**

**QA Automation Lead**

**SUMMARY:**

* Over **8 years** of experience in **Quality Analyst specialized in SDLC**, Analysis, Design, Development, Deployment and Documentation for software product Automation and Manual Testing process.
* Excellent knowledge and experience working on the **HE (HealthEdge)** health care claims processing and design System.
* Experience in designing and executing Automation Test scripts for web applications using **Java, Selenium IDE/Grid/WebDriver and TestNG.**
* Extreme knowledge in BRD gathering, Process flows, Organizational and structural flow of the project, business process modeling, Testing techniques and UAT in different industries such as HealthCare, Ecommerce and Manufacturing.
* Strong knowledge in analyzing and building the **EDI** for various inbound and outbound transactions.
* Strong knowledge in automation web applications, web services, creating automation and creating documentation on the process of creating the automation using **Selenium** IDE/Web Driver, SOAP UI, REST API.
* Experience in **HIPAA** compliance conditions, **ICD9, ICD10**, Medicare, Medicaid, EDI transaction codes such as 837 (Inbound Claim transaction), 835(PRA&MPE) (Outbound Electronic Remittance Advice), 857/Exact target, EOB & eEOB, confidential communication/QMCSO, 270/271 (inquire/response health care benefits), 276/277(Claim status), 277CA(claims Acknowledgement), 999, 834 benefit enrollment.
* Experience in developing **Selenium WebDriver** automation framework using **TestNG** and developing Maven targets to execute automation suites.
* Hands on experience in using build and project management tolls like MAVEN and code repository management tools like **SVN, GIT** and Continuous Integration (CI) tools such as **Jenkins**.
* Knowledge in the process of implementing cucumber-protractor and **Jenkins**.
* Drive process improvements in test design, test execution, test reporting and deliver high quality applications.
* Demonstrated success in driving end-to-end **QA** lifecycles, right from requirement decomposition, test planning and scheduling, resource-task alignment, actual implementation and post-implementation support.
* Skilled in the application of various development / testing methodologies, including Agile, Waterfall, Iterative, aimed at executing mission-critical tasks in a seamless manner.
* Extensive experience in Oracle database platform, with expertise in **SQL** standards.
* Good working knowledge of Software Development Life Cycle (**SDLC**) and Software Testing Life Cycle (**STLC**).
* Experience in Test Management tools using **HP ALM, JIRA**, Bugzilla and version 1 for bug tracking.
* Experienced in Defect Management Tracking, Establishing Test Standards, Guidelines, Procedures, Test Execution, Documenting and **Analyzing Test Results**.
* An impressive communication and creative problem-solving skills.
* Coordinated with Support / Technical managers and teams globally.
* Broad knowledge on System Testing, Smoke Testing, Functional Testing, Black box testing, Performance Testing, Stress Testing, parallel testing, User Acceptance Testing and Database Testing.
* Have good experience in mobile testing **Android/IOS** using adb and power shell.
* Experience in getting ready Test Approach, Test design and Sign off archives, Requirement Traceability Matrix, Test reports having diverse **KPI** measurements and Risk examination as a component of test expectations for the tasks.
* Experienced in testing and conveyance of individual modules and took a shot at Test, Pre-Prod and Production Environments.
* Experience in testing applications in various OS, for example, **UNIX/LINUX** and windows situations.
* Involved being developed of **SQL** inquiries, put away strategy advancement and alterations.
* Experience in building Data Integration and work process answers for information distribution center utilizing **SQL** Server Integration Services (SSIS).

**Education:**

* Masters’ in Information Technology (USA)
* Bachelors’ in Information Technology (INDIA)

**Technical Experience:**

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| **Test Automation** | Selenium IDE/WebDriver, UFT/QTP, Cucumber, SOAP UI, ETL |
| **Bug Tracking** | JIRA, HP quality center, RTC, version1 |
| **Operating Systems** | Windows, LINUX, IOS |
| **Build/SCM Tools** | Maven, Git, GitHub |
| **Process** | Agile Scrum, Waterfall |
| **MS Suite** | MS word, MS Access, MS Excel, MS Project |
| **Software Testing Types** | Manual, Automated, functional, regression, smoke, negative, white-box, integration, black-box, parallel, End-to-End, IVR |

**Professional Experience:**

**Blue cross blue shield Michigan July 2019 - Present**

**QA Automation Lead**

In Blue cross blue shield I am working on a project called HPOM. In this project I am working on the DX Workstream. Main goal of the project was to make access for the user where they can directly view their invoices of the plan, pay the invoice without logging into their BCBSM member portal account. This is called as the Guest bill pay. And the HPOM payments are handled by ACI. Currently working as a team lead.

**Responsibilities:**

* Coordinating with the test data team, developers, scrum master and other workstreams to get the test data ready for testing, analyze the user stories and requirements.
* Performed Cross- Browser and Cross –Platform testing to verify the application consistency on various builds in different web browsers and in different operating systems.
* Knowledge in **Agile** methodology and **SDLC**. And creating the registration of members as a tier 0, tier 1 and tier 2 members.
* Developed modular & robust automation framework using Selenium WebDriver, Cucumber, TestNG and Java.
* Developed automation test cases, executed these test scripts from test lab and logged defects in ALM
* Testing the **API** services using the postman. And knowledge in creating the **ACI** profiles, Payment modification, adding payment methods etc., through **API** calls.
* Performed **IVR** testing on payment gateway.
* Conducted **Cross browser testing** in IE, Chrome and Firefox using Selenium WebDriver
* Configured Selenium **WebDriver, Maven tool** and created Selenium automation scripts in Java using TestNG prior to agile release.
* Involved in using of Git as version control tool, GitHub as repository.
* Test documentation preparation for the **UAT** and **SIT** testing.
* Performed Functional Testing, Data Driven Testing, and Cross Browser Compatibility Testing on different browsers like IE, Firefox & Chrome.
* Developed re-usable function using **TestNG** for the Test Automation.
* Good knowledge in using the Perfecto for device stimulation testing.
* Working with the business on resource estimates and providing the daily update on the sprint stories.

**Medica Health Solutions, Plymouth, MN July 2018 – December 2018**

**Senior Automation Engineer**

In Medica I worked on three projects 1. MHPS, 2. Mayo Decommission and 3.CHI, the project MHPS (Medica Health Plan solutions) has two clients 1. Mayo 2. Commercial (Black River, Olmsted County and city of Rochester). For implementing MHPS, claims processed using the Health Rules Payor through TIBCO. CHC is the vendor from whom Medica would be receiving the inbound 837’s. New Benefit plans, network definitions have implemented for all the four clients in MHPS. Medica will receive the repriced claims from BCBSAZ, Zellis PHX, Multiplan and FirstHealth. MHPS has went live on 1/1/2019.

From February of this year worked on the Mayo decommission project – receiving claims for the members who are enrolled before 1/1/2019. All the process of claims is manual. Claims for decommission has started to come in from 6/11/2019.

Presently actively working (leading this project) on CHI- Medica has supported the Community Health Initiative, a partnership between Medica and the University of Minnesota for over $4 million in funding the students. For this project also CHC is the vendor from whom Medica receives the claims and also has the repriced claims from FirstHealth and Midlands.

**Responsibilities:**

* Coordinated with the Project Managers, Business Analysts, Developers and Test Team Lead and analyzed requirements needed for successful Test Plans and Test Cases.
* Writing test-plans and test-cases for insurance billing and claim applications in accordance with the business requirements.
* Worked with source version control tool such as GIT
* Using the **EDI** Data Validator for validating and verifying EDI files.
* Coordination with the different work streams such as enrollment and benefits for gathering the additional information and test data.
* Performing the **HealthRules** Payor upgrade testing.
* Performing target testing, parallel testing, smoke testing, integration testing, regression testing, functional testing and end-to-end testing.
* Experience in testing the web services and HR connectors using the **SOAP UI**.
* Coordinating with the off-shore teams in India.
* Executing **SQL** queries in **TOAD** for the test data comparison.

**KelltonTech Solutions, Elk Groove, IL September 2016 - March 2018**

**QA Analyst**

**Responsibilities:**

* Coordinated with the Project Managers, Business Analysts, Developers and Test Team Lead and analyzed requirements needed for successful Test Plans and Test Cases.
* Writing test-plans and test-cases for insurance billing and claim applications in accordance with the business requirements.
* complex **SQL** queries including **JOINS** to find the required data for Backend testing.
* Using the ETL Data Validator validated and verified **EDI** files.
* Extremely worked on the editing, validating and verification of the EDI 834,835,837 transaction sets.
* Made sprint level exertion estimation and asset making arrangements for **QA** tasks and produced generally **QA** effort planning report to PMO.
* Created automation test scripts using Selenium WebDriver and Java and involved in resolving existing test script issues in Selenium WebDriver
* Developed and reported Standard Testing Procedures for both Manual and Automated Testing
* characterizing the information lexicon for the cases Product Catalog characteristics on claims database.
* Knowledge in HP service manager for monitoring and managing the services.
* Created client characterized capacities utilizing **QTP**.
* Testing and validating **REST** services in **java** using rest assured jars which was also used to test on the response side.
* Formulate methods to perform positive and negative testing against requirements.
* Executed and managed test cases and reported bugs in **HP** **Quality Center/ALM.**
* Provided weekly status report to the Project Manager and discuss issues related to quality and deadlines.

**SPX Genfare Elk Grove, IL January 2013-September 2015**

**QA Analyst**

SPX Genfare is a manufacturer company for the Fare boxes for New York transportation. This year they have started their IT in the implementation of the cloud computing and enhancing the Fare boxes functionality. Connecting the fare boxes to the WIFI such that the data about the trips and would be in the system based on frequency of sync with the cloud.

**Responsibilities:**

* Participated in Software testing in all stages of Software Lifecycle.
* Worked closely with Business user in Understanding designing and documenting the Functional testing plan and then Writing, executing, documenting the results and Logging Written **ETL** test specifications including test source data preparation, writing test cases to test Data Completeness, Data Transformations, Data quality.
* Performed **GUI**, Functional, Usability, Boundary and Regression tests to test the stability and usability of software application under test.
* Participated in the development of test documentation – test cases, test suites, test plans, etc.
* Responsible for verifying fixed bugs in new releases.
* Mobile automation of android and windows applications using Appium and Selenium WebDriver.
* Knowledge in decoding the **ASCII** code (which is sent by the fare boxes to the data warehouse).
* Implemented test automation scripts for mobile testing using Appium
* Developed test contents and test code for different cloud computing features with fareboxes functionality.
* Worked closely with **QA** manager, developers, and project manager to ensure software testing procedures were implemented appropriately.
* Perform integration, regression, acceptance, performance, functional, **UI**, compatibility testing (interruption and connectivity for Mobile Devices) to ensure product quality.

**Sixpath Technologies, Hyderabad, India January 2012 – December 2012**

**QA Analyst**

Sixpath is a company where it develops the websites and hosts the websites on the server for the clients.

**Responsibilities:**

* Responsible for Planning, creating and analysis of **Test Plan**, **Test cases** and **Test Scripts.**
* Analyzed Technical specification, Business Requirements and Database Schema to **develop test cases**.
* Performed functional, regression, and smoke testing of front and back-end system manually.
* Performed smoke, system and functional **Black Box testing.**
* Acts as a primary contact engineer with software/hardware development teams and product marketing management for product functionality verification and problem resolution.
* Used detailed knowledge of application features and functions assess scope and impact of business needs throughout analysis and completion of all enhancement specifications.
* Participated in walkthroughs of requirements document to better understand requirements.
* Perform backend testing using **SQL** queries to retrieve and verify the information in the database.
* Corresponded among QA Managers, Developers and Team Members.
* Reported and tracked defects, monitored defects reported by team.