SUBIN SHRESTHA

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A Quality Assurance Engineer professional with the knowledge in the field with more than 8.5 years of experience in the test manual and automation industry with an excellent understanding of validation and verification of Software Products development in the SDLC process. Successfully able to design test scenarios, test steps and executing them in different environment of STLC. Hands on Experience in Manual, Automation (Selenium), API Testing and Backend Testing.

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| **AREAS OF EXCELLENCE Free Maroon Medal Icon - Download Maroon Medal Icon** |  |
| * Manual and Automation Testing
* Software Development Life Cycle (SDLC)
* Software Testing Life Cycle (STLC)
* Environment: Agile and Waterfall
* Understanding of 3-Tier architecture
* GUI, Backend and Web API Testing
 | * Risk Analysis
* Defect Analysis and Test Reporting
* Resolving Issue with the development team
* Data Validation
* Analytical Thinking
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| **TECHNICAL SKILLS** |  |
| * **Testing & Reporting Tools –** Selenium (Java), QC/AML, JIRA, JUNIT, TestNG, Cucumber, SoapUI, Rest Assured, Postman, GitHub, and Jenkins, Auto IT, Appium, PEGA, Kibana, JAWS, Color Contrast Analyzer, Giga Fox, Brainiac,
* **Scripting/Markup Language –** XML, HTML
* **Database Tools:** Oracle SQL, MySQL
* **Development Environment** – Java, Selenium
* **Process and Methodology –** SDLC, STLC, Agile, Iterative, Waterfall Model
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| **EDUCATION: graduation.png** |  |
| **Master’s in Business Administration (Executive) (EMBA)**| 2010 | POKHARA UNIVERSITY| NEPAL|GPA: 3.49**Major:** Management/Service Marketing |
| **Bachelor of Business Studies (BBS)** | 2003 | TRIBHUVAN UNIVERSITY | NEPAL**Major:** Finance |
| **PROFESSIONAL SUMMARY** |  |
| * More than 8.5 **years** of expertise in **Software Testing (Manual and Automation)**, Software Analysis, Design
* Expertise in writing **Test Cases, Executing Test Cases** and **Reporting Bugs** in terms of Critical/Major/Minor defect classifications.
* Hand on Experience on **Pega Development Studio to Configure such as Rules, Profiles, and Interfaces**
* Expertise with **Waterfall and Agile and Scrum Environment**
* Use of software engineering tools such as **GitHub, Jira, QC/ALM and Jenkins**
* Good Experience of interacting with the **stakeholders**.
* Expertise in **functionaltesting, integrationtesting**, **regressiontesting**, **White**/**black boxtesting, GUI testing**, **Sanity testing, Ad-hoc testing, and System Integration Testing.**
* Experienced in **Backend Testing and Executing SQL commands** and Proficient in **SQL** queries.
* Familiar with **defect tracking tool** and familiar with **Test management tool**
* Expertise in Problem **Solving and Defect Tracking Reports using Bug tracking** tools like **JIRA, QC/ALM**
* Experience in Mobile Device Testing using **Giga Fox** version with Android and Iphone
* Experience in working in **Point of Sell** and in **Real Time Payment** using PEGA Development studio performing configuration with different rulesets, profiles and interface using portal.
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| * Working experience with API Validation and with the Log tool Kibana.
* Well Versed with **Test Documentation (Test Scenarios, Test Data, Test Cases and Defect Reports)**
* Expertise in testing the browser compatibility for the web applications in **Firefox/Edge /Chrome browsers.**
* Expertise using API testing tools such as **SOAP UI, REST ASSURED and POSTMAN,**
* Built and Maintained **Test Automation Frameworks** (Data-Driven, Behavioral Driven Development /Cucumber)
* Worked on **bug life cycle** and fixing in testing cycle.
* Experiencedinautomatedtestsin **Javausing Selenium, utilizingIDs Eclipse.**
* Knowledgeable with test automation tools such as **JUNIT, TestNG and CUCUMBER**
* Working knowledge on **Appium Mobile testing** on **Android Browse** for the UI compatibility testing.
* Experience in **AutoIT** (SciTE-Lite Editor and Finder AutoIT tool).
* A highly motivated, energetic individual and a team player with excellent communication and interpersonal skills
* Proven ability to work efficiently in both independent and team situations with positive results.
* Troubleshoot Problems during automation execution.
* Working knowledge of**ADA(American DisabilityAssociation)** usingPEGAplatform**WCAG2.0**&**WCAG2.1**

using tools such as **JAWS** and **Color Contrast Analyzer*** Working with **Web Applications** and **2.5 years** of experience in **ADA (American Disability Association)**

testing using **WCGA 2.0** and **WCGA 2.1** |
| **EXPERIENCE** |
| **Company Name: Bank of America | Addison, Texas** |
| **QA Consultant | Duration: April 2022 to Oct 2023** |
| * Worked in Agile Environment with Business and Development Team to oversee quality software development.
* Proficient in writing the test script for testing in Excel and in BDD framework for automation using the PEGA Dev studio for business process management for **Real Time Payment**
* Execution of different kinds of testing like Sanity testing, Smoke, Integration, Regression, functional testing, and End to End Testing for Mobile and Web UI Testing
* Involved in PI Planning, Story Grooming, Sprint Planning.
* Involved in Analyzing and reviewing requirement documents to create the test plans, Test Cases and Test Scripts for testing.
* Used JIRA for Story and to log the defect.
* Used Application Life Cycle management (AML) for test execution.
* Validation of back-end API testing using Postman (Get, Put, Post and Delete) with the User Interface and the DB testing using SQL command using TOAD.
* Mobile device testing with Giga Fox for the integrated testing for **Samsung pay, Google Pay, Garmin Pay, Apple Pay**
* Hands on Experience in PEGA Development studio to configuration such as **Rules, Profiles, and Interfaces**
* Through experience in testing for **ACH, BK2BK (Diff. Payment Rails), Zelle, Mastercard and VISA for Credit Fraud and Non-Fraud including Request for Payment (RFP) for Real Time Payment**
* Creating the Test Evidence for every story and upload in the JIRA board
* Responsible for live demo to product owner for the approval of story with Positive and Negative testing and interacting with the stakeholder.
* Preparation of Test Data with Data conditioning to the Team for the smooth running of the sprint
* Connect/coordinate and support the Offshore team for the completion of the sprint on time.
* Regression testing, logging defect and participate for the **defect triage** call.
* Responsible to give KT to other QA team members.
* Working with the **onshore and offshore team for the QA testing** and meeting with the developers for quality assurance.
* Support the **smoke testing and regression testing** before the production environment.
* Helping automation team to make understand the story and its different scenarios and responsible from the team to handover the automation candidate scripts.
* Working knowledge of**ADA(American DisabilityAssociation)** usingPEGAplatform**WCAG2.0**&**WCAG**

**2.1** using tools such as **JAWS** and **Color Contrast Analyzer*** Working with **Web Applications** and **2.5 years** of experience in **ADA (American Disability Association)**

testing using **WCGA 2.0** and **WCGA 2.1** |

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| **Environment:** QC-ALM, Selenium Web Driver, Eclipse, Maven, JIRA, Brainiac, DataX, Giga fox, Excel, Postman, TOAD, TSYS, JAWS, Color Contrast Analyzer |
| **Company Name: VERIZON | Irving, Texas** |
| **QA Engineer | Duration: February 2022 to April 2022** |
| * Involve in sprint planning, big room meeting, story grooming meeting for the upcoming sprint
* Worked in Agile methodology with the business and development team to deliver the quality software development specially in **Point of Sale** for VERIZON
* Identified the test requirements from the specifications and designed test coverage plan.
* Responsible to ensure quality of the product by performing testing of the backend API with the frontend using the postman, PEGA dev studio and with Kibana Logs.
* Write the test case for manual testing and test execution of the test in ALM, adding the comments in the JIRA and log the defect.
* Execution of positive and the negative testing those are being covered in the test script.
* Performing End to End testing, retesting, regression testing using both the front end and the back end.
* Validation of the backend API testing with the Postman and with Pega Development Studio
* Validation of the strategies, When rules, decisions in PEGA dev studio.
* Validation of the logs in Kibana when there is a change in the backend API as per the requirement.
* Create detailed test evidence working in each step which is been uploaded into the JIRA story.
* Working with the onshore and offshore team for the QA testing and meeting with the developers for the quality assurance.
* Presenting the demo to product Owner of the test including both (positive and negative).
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| **Environment:** PEGA Dev Studio, JIRA, Postman, Kibana, ALM, MySQL, Testing Tool, Excel, MS-SQL, |
| **Company Name: Bank of America | Addison, Texas** |
| **QA Consultant | Duration: September 2021 to December 2021** |
| * Worked in Agile Environment with Business and Development Team to oversee quality software development.
* Proficient in writing the test script for manual and in selenium web driver for automation using Maven, JUNIT/TestNG/Cucumber following the page object model.
* Execution of different kinds of testing like Sanity testing, GUI, Smoke, Integration, Regression, functional testing, and End to End Testing
* Involve in PI planning, Story grooming, Sprint Planning
* Involved in Analyzing and reviewing requirement document to create the test plans, Test Cases and Test Scripts for Manual and for automation.
* Used JIRA for Story and to log the bug.
* Used efficient locator strategy like Xpath and CSS to run Web Driver script in stable condition.
* Logging the defect in QC-ALM and monitoring its status and tracking them to JIRA.
* Support the smoke testing and regression testing before the production environment.
* Ensure all the positive and negative test steps are covered in the test script.
* Webservice testing using the SOAP UI and Back-end testing with SQL command using TOAD
* Performing the ADA (American Disability Association) manual testing using the WCGA Standard with WCGA

2.0 and WCGA 2.1, using the JAWS Screen reader, Keyboard and Color Contrast Analyzer.* Ensure the person with the disability would also use the application and make sure person using mouse and keyboard should have same experience.
* Communicate the status of accessibility defects with each interaction with development team (On-Shore and Off-Shore)
* Performing the regression testing of ADA testing in the browser in Chrome and in Microsoft Edge.
* Participate in ADA status meetings.
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| **Environment:** QC-ALM Selenium Web Driver, Eclipse, Maven, Junit, TestNG, JIRA, SOAPUI, GITHUB, JAWS and Color Contrast Analyzer(CCA), JIRA, Toad |

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| **Company Name: Texas Capital Bank | Dallas, Texas** |
| **QA Engineer | Duration: April 2019 to September 2021** |
| * Involved in Sprint planning meeting and grooming session for upcoming Sprints.
* Writing the Manual test script and uploading it into ALM for test execution. Loggin the bug in JIRA for which I have worked as bug tracking tool.
* Develop automation test script reusable components and functions using Selenium Web Drive.
* Performed different kinds of testing like Sanity testing, GUI, Smoke, Integration, Regression, Back End Testing.
* Responsible to ensure quality of the product by performing test manually, Automation through Selenium and Rest API web services and writing the SQL query for backend testing.
* Use of selenium Driver with java plug –Adding automated tests in existing automation framework.
* Developed and executed detailed and maintainable Test Case and Test Scripts.
* Automation Framework: Page Object Model, with separation external data files.
* Used smoke and regression testing during the various phase of development using Selenium Web driver, TestNG and Java.
* Proficientinwriting SeleniumWebDriverautomationscriptsinJavausingMaven, Cucumber,andTestNG Automation Testing for Web Applications
* Used the efficient locator’s strategy like Xpath and CSS to run Web Driver script in stable condition.
* Executing selenium test scripts on browsers and check for the compatibility.
* Perform regression testing when new modification of the new code is being added to see its new build.
* Ensure all the scenarios including positive and negative are covered while testing.
* Used Test Manager for Bug Tracking, Bug fixing, and Bug Reporting using Jira.
* Performed API testing using SOAPUI and Postman and Rest Assured.
* Participated in Daily Stand-Up meeting and if any issue, handling it into the Parking Lot.
* Using of the Git for the Continuous Integration and Continuous Delivery/Deployment.
* Performing the ADA (American Disability Association) manual testing using the WEGA Standard with WCGA

2.0 and WCGA 2.1.* Performing the ADA testing using JAWS Screen reader, keyboard testing and using Color Contrast Analyzer.
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| **Environment:** Selenium Web Driver, Eclipse, Junit, TestNG, PostMan, Maven, MS SQL, Rest Assured, SOAP UI, Github, Zephyr and JIRA, JAWS and Color Contrast Analyzer |
| **Company Name: Southwest Airlines | Atlanta, Georgia** |
| **Automation Quality Analyst | Duration: January 2017 – March 2019** |
| * Worked in an Agile Environment with Developers and Business Analysts toreview the business requirements.
* Analyzed available business requirements and functional requirements specification document.
* Executed an end-to-end Test Plan and managed all activities in the plan to confirm all objectives are met and solution works as expected.
* Developed all test scenarios and test cases per requirement basis (Mostly Manual)
* Ensured total feature coverage of an application is tested and identified any potential issue before the product is released.
* Performed Smoke testing, Black box testing, Grey box testing, Functional testing, System testing, Integration testing, Back end, User Acceptance and Regression testing.
* Performed Web Service API testing using Smart Bear SoapUI
* Worked with Retesting and Regression testing
* Carried out Sanity Tests and executed test cases for GUI, Functionality, Positive and Negative testing
* Performed backend testing by using SQL queries to verify the database reliability.
* Designed and enhanced automated test scripts using selenium.
* Manually executed test cases to conduct the System Testing.
* Identified the test requirements from the specifications and designed test coverage plan.
* Involved in performing UAT (User Acceptance Testing).
* Using an Appium Mobile Testing on Android Browse for the UI compatibility Testing.
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| **Environment:** Selenium/TestNG, SOAP UI, Windows, Oracle SQL, MS-Office, JAVA, Postman, SoapUI, QC/ALM, GitHub, JIRA, Maven, Jenkins, Appium, GenyMotion |

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| **Company Name: United Healthcare | Dallas, Texas** |
| **QA Engineer | Duration: February 2015 – January 2017** |
| * Maintained and Updated test plans, test cases, test environment, and test ware through SDLC.
* Involved in GUI, Functional, System Testing, Integration, Regression, Back-end and UAT Testing.
* Write the test case for manual testing and valuated and reported results and tracked bugs using Quality Center/ALM
* Ensured to meet the project timelines and escalate the risk identified during the testing process.
* Implementing automated test tools (Selenium Web driver, Eclipse).
* Develop, maintain test automation framework using Selenium to test Web Application.
* Design/implement automate test scripts and run them during integration.
* Developed and executed tests for Web services for Get, Post, Put and Delete response testing.
* Communicated with support, business, and development teams to resolve issues during test execution.
* Involved in managing onsite & offshore project team - work direction, estimation, resource management and issue resolution.
* Tracked the testing progress by conducting walk through meetings with internal quality assurance and development teams.
* Created detailed QA documentation including QA reports and actively participated in project status meetings.
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| **Environment:** ALM/Jira, Selenium, Java, Oracle SQL, MS- Office, Window, Eclipse, Junit, Maven, Cucumber, SOAP UI, Github and Jenkins |