

SAGAR SUBEDI

Software Quality Engineer / Veteran / Secret Clearance
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Summary

Proficient Software Quality Analyst and Military Veteran with over 6 years of expertise in manual and automation testing of web-based applications. Certified Scrum Master with in-depth knowledge of SDLC and extensive experience using project management tools such as HP ALM, Zephyr, and JIRA. Skilled in creating and executing test plans, test scripts, and test cases, and proficient in defect tracking and report generation. A team player with excellent communication skills, a detail-oriented approach, problem solver and troubleshooter, and a quick learner always eager to acquire new skills and adapt to new technologies.

Skills

- Led Testing efforts from onboarding test management tool to creating detailed test plans, test cases, test scripts, report generation and documentation.
- Scrum Master, Google Project Management, CompTIA A+ and Linux Essential certified
- In Depth understanding of SDLC and Methodologies like Waterfall and Agile (Scrum), and creating detailed manual and automation test scripts based on Business Requirements.
- Extensive experience in project management tool HP ALM (QC), Zephyr and JIRA for creation of Test Plan, Test Scripts, Test Cases, Defect Tracking and Report Generation and creation of Traceability Matrix
- Strong Experience in conducting Smoke, Functionality, Regressing, Integration, User Acceptance and Database testing, and generation of test summary reports.
- Extensive experience with Mabl and Selenium Automation and working knowledge of TestNG, Junit, Jenkins, JMeter, Perfecto Mobile and Bash Scripts
- Experience in different relational database environments such as Oracle, SQL server and MySQL. Creation of SQL queries for data manipulation and data mapping
- Strong technical knowledge on troubleshooting software, hardware and network issues.
- Experience in attending various defect team meetings and collaborate with the developers, business team and the management team to discuss major defects found during testing, enhancement issues and future design modifications.
- Excellent understanding of IT Project Development format of script writing and requirement mapping in Excel as well as requirement mapping in ALM and generation of detailed coverage reports
- Team player, detail oriented, organized and a diligent problem solver with good communication skills.
- Fast learner, quick thinker and always eager to learn new skills.

Technical Skills

Testing tools	HP QC/ALM, QTP/UFT, Selenium WebDriver, TestNG, Jenkins, JMeter, Perfecto Mobile, Mabl, Zephyr, Postman, Swagger
Programming Languages	Java, SQL, HTML 5, XML, CSS 3, JavaScript, Python
Reporting Tools	JIRA, Quality Center/ALM, MS Office, SharePoint
Databases	Oracle, SQL Server, MySQL
Operating Systems	Windows, Linux (Ubuntu and fedora), Mac OS, IOS, Android
Browser	IE, Firefox, Chrome, Safari, Edge
Repositories	GIT
Other Tools	Eclipse, MS Office Suite, Visual Studio, Toad, Adobe Photoshop, Oracle VirtualBox

Project Experience

Merly.AI, Palo Alto, CA

Dec 2022 – Mar 2024

Software Quality engineer/Test Lead

- Led all testing efforts across multiple projects, ensuring comprehensive coverage and high-quality standards for web-based applications
- Implemented and onboarded test management tools, creating detailed test plans, test cases, and test scripts to streamline and optimize testing processes
- Working closely with Product Owner, Developers and Designers to discuss and advise ideas for better user experience.
- Conducted exploratory, functionality, regression, and post-release integration testing to identify, document, and resolve defects, improving overall software reliability
- Created and manipulated complex JSON data structures to integrate with Mentor, improving data flow and system compatibility
- Facilitated Scrum meetings effectively, ensuring clear communication, alignment, and coordination among cross-functional team members
- Working closely with Product Owner to maintain and prioritize product backlog based on the customer requests and company Executives expectations.
- Created detailed Requirement documents and Mock-ups based on the customer requirements and feedback.
- Create detailed test summary reports with graphs at the end of each testing cycle to present to the broader audience.
- Created Product manual for Mentor which is distributed to customers to aid them to use the product and recorded Product demo videos of most important features of the product.
- Provide status on testing efforts to CEO, COO and CTO on regular basis.

Environment: ML, AI, Windows, Mac, Linux, Virtualization, Jira, Zephyr, Scrum, APIs, Postman, Swagger

MUFG Union Bank, San Diego, CA

May 2019 – Dec 2022

Quality engineer/ AVP

Empower Upgrade: The Goal of the Project Empower 8.3/ 9.0/ 9.0 SP6/ 9.0 SP9 Upgrade is the Implementation of updates Provided by BKFS, which introduces New Features and Functionality and resolves the existing base defects.

Mortgage Insurance: Integration of different Mortgage Insurance companies and Single Premium Mortgage Insurance for the loan with high LTV, as well as introduction of New Fees for Different loan products and different states.

Real time disclosure: Introduction of Real time Disclosures which allows MCs to generate Disclosures during Sales in real time with Customer.

Abnormal Uses Alert: Project is created to monitor the abnormal activities performed by business Users in Loan Origination System (Empower).

Mabl Automation: Automating all end-to-end regression suite of business scenarios.

- Ensured the integrity and accuracy of key functions in the Loan Origination System (LOS) and new functionalities incorporated into the LOS system.
- Reviewed business and functional documents proactively to create comprehensive test scenarios and test scripts, ensuring thorough requirements mapping and traceability coverage

- Creation of End-to-End Business scenarios for loan origination with different products and parameters for the incorporation of release notes provided by BKFS and other new functionalities added in system for testers to test. And actively discuss defect detected during testing with Business and Development.
- Validation of Documents packages generated for different loan products.
- Verified data flow from Empower ODS to BKI and from BKI to Splunk, including the accuracy of alert emails generated from Splunk, to ensure proper data integration and notification processes
- Mabl Automation of Business regression scenarios. Automated 25 end to end manual regression scenarios, which help to reduce the regression execution time from almost 20 hours to 5 hours for each scenario. With parallel execution on Mabl all 25 scenarios execution time reduced to about 5 hours.

Environment: HP ALM, Empower, SQL, Microsoft Office Suite, Windows, Mabl Automation

East West Bank, Pasadena, CA
Quality Assurance Engineer

Aug 2017- Apr 2019

East West Bank Mortgage Application allows borrowers to apply for mortgage form their own web devices and see the real time progress of their mortgage and access all reports and disclosure documents, data is bidirectional to the inhouse loan origination system where mortgage consultant can modify the required fields, also Mortgage Consultants can send tasks/documents to borrower to complete before the loan is sent to operation.

- Responsible for analyzing business documents and creating manual and automation scripts to run for functional testing in Agile basis.
- Validation of different aspects of loan application and data mapping from mortgage application to loan system and document transfer system.
- Validate the responsiveness of web application with different screen size and resolutions.
- Creation of Different scenarios with different loan parameters and condition to insure the proper data flow in different conditions.
- Participate in Defect triage meeting to analyze and resolve the defect with Developers and BAs.

Environment: HP ALM, Selenium WebDriver, Maven, TestNG, JMeter, Windows, Microsoft office.

Cathay Bank, Los Angeles, CA
QA Tester/Junior Web Developer

Mar 2016 – Aug 2017

The project was to upgrade the current website and add new functionalities to like account summery, e-statements, checking FICO score etc.

- Creating Test cases, Executing Test cases, test data, Smoke test, Regression Testing, Defect tracking, after reviewing BRDs.
- Code in HTML and CSS for web page development according to the business functional documents.
- Utilize ALM to create test cases as well as defect tracking and manage requirements coverage.

Environment: HP ALM, Windows 7, Note++, Visual Studio, SQL

US Army Reserve

Feb 2018-Present

Education

Bachelor's in business administration
Tribhuvan University, Nepal

Bachelor of Science, Software Development
Western Governors University, Utah