HARMANJEET SINGH

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PROFILE

Detail-oriented and experienced Senior QA-PMP professional with 9 years of expertise in manual and automation testing, ensuring high-quality software solutions. Skilled in leading QA efforts on medium to large-scale projects, with a strong background in defining test strategies, automation frameworks, and quality metrics.

Professional SUMMARY

- 9 years of experience in performing quality assurance of web applications, mobile apps and REST API Testing as Lead and Senior Position.
- Experience with **Selenium** , Appium , Postman, Res Assure , J meter for testing .
- Hands on experience of SDLC, STLC, software test methodologies, test processes, testing life cycle, defect life cycle and creating framework from scratch.
- Well versed with Agile, Waterfall, Iterative methodologies; expertise in version control and configuration management.
- Experience of collecting information from different resources and stakeholders.
- Well versed with Smoke testing, GUI testing, functional testing, integration testing, End to End testing, regression testing, Web service, Web Automation testing and mobile application testing.
- 8 years of experience in preparing test plans, test scenarios, test estimates, task allocation, test summary, manual and automated test scripts and manage test deliverable.
- Experience of leading a team and handle the QA project by aligning to the values of organization
- Well versed with deployment using Jenkins, Github, Docker, Kubernetes and Linux for CI/CD.
- Excellent analytical, inter personnel and problem solving skills with the strong communication ability to work independently with minimal supervision as well as function as part of a team.

TECHNICAL SKILLS

Automation Tool: Selenium Web Driver, Appium , Query Surge, TestNG , .Net
API Testing: Postman, Rest Assured
Performance Testing : JMeter
Programming Languages: Python, Java, C# , XML, HTML SQL
Automation Server: Jenkins, Docker, Kubernetes, AZURE , Snowflakes
Others: MS office 365, Jenkins, Github, JIRA, Azure, Confluence, PowerBI, GCP, Snowflake, Miro

PROFESSIONAL EXPERIENCE

Senior QA Analyst   **April 2024 - Present**
Environics Analytics

- Gathering business requirements, reviewing policies and create the test cases for the specific functionality by communication with Product owner and Developers.
- Create Test Plans, test cases , sign off documents , execution of test cases , reporting and logging defects.
- Create test suites for automation using Selenium and C# and run in pipeline.
- Attend Daily Scrum, retrospective, sprint planning , defect triage and QA – touch points meetings.
- Creating Miro Mind Map for test plans and maintain Scrum board for sprint cycle.
- Actively involved in monitoring and creating KPIs.
- Execute automation test scripts in different environments and deploy code in environments .

Lead QA Analyst **Sept 2020 - Dec 2023**
YDC Pro
Client: Equifax , Project: GCP Migration
Project Details: Migrating from AS400 server to GCP by creating plugin which mimicking the functionalities also adding up new functionalities as per BR document.

- Lead the QA team , assign the tasks and get meetings with other stake holders.
- Test the ETL process , data mapping process using Query Surge.
- Crate test cases in Appium, Java , Selenium , Test NG , Page Object model framework .
- Creating test cases in Zephyr and document the test reports in Excel, Jira, Confluence and Zephyr.
- Work closely with Business Analyst to gather the information and design of the product throughout the Software development life cycle.
- Attended Daily stand-up meetings and hurdle meetings, show- tell meetings, sprint meetings, retrospective meetings, defect triage meetings and kick off meetings.

QA Analyst
Quventix Solution **Dec 2016– Aug 2020**
Project Columbia Asia

- Involved in creating test plan, test approach with QA lead attended requirements walkthrough and performed GAP analysis by reviewing requirements.
- Facilitated and coordinated functional, integration, end-to-end, regression, Web application testing and user acceptance testing.
- Created and executed test cases by reviewing the requirements; defect logging using Jira for web application.
- Identified and automated regression test cases using Appium, Selenium; enhancement of present automated test cases using Java, Eclipse and TestNG annotations.
- Key contributor to project status meetings, review meetings, kick-off meetings, meetings, business meetings, and go/no-go meetings.
- Performed smoke, functional, system integration, end-to-end, performance, and regression testing.

EDUCATION

- **Diploma in Cloud Computing** **2022**
- **Masters in Engineering** **2016**
- **Bachelors in Engineering** **2014**

Certification:
1. **PMP**
2. **Snowflake Snow Pro Core**

Research Papers Published

1. A novel energy-efficient ICI cancellation technique for bandwidth improvements through cyclic prefix reuse in an OFDM system
   https://link.springer.com/article/10.1631/FITEE.1601333
2. Design of a novel hybrid intercarrier interference mitigation technique through wavelet implication in an OFDM system
   https://www.sciencedirect.com/science/article/pii/S2352864816300876
3. A Novel Hybrid ICI Cancellation Technique for OFDM Optimization
   https://ieeexplore.ieee.org/document/7453374

Hobbies : Professional Wrestler compete at national level in India and Canada.