SUSHIL KUMAR SONI

QA Automation Engineer

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Professional Summary

Quality Analyst with 8 years of experience Maintenance and Repair Department, transitioning to a role as a QA Automation Engineer. Proficient in quality assurance methodologies and eager to leverage technical skills in automationtesting to enhance software development processes. Committed to ensuring product excellence and drivingefficiency through automation solutions.

Skills

OS: Linux, Windows

Languages: Core Java, Basics of HTML, Basics of Linux

Technologies/Framework: Selenium ,Appium ,BDD Cucumber, Rest Assured F/W, Web Driver, XPath, TestNG, Web Driver Manager, JUnit, Apache POI, Page Object Model, Create Test Scenario & Test cases, Manual Testing

Process: Agile, STLC, SDLC

Database: MySQL

Tools: GitHub, VSCode, Eclipse, Maven, Gradle

Project

Crio Fellowship (Masters in QA Automation)

QTrip QA [Link]   [Aug 2023]

Skills: Java, Selenium, Locators, HTML, Developer Tools, TestNG, Page Object Model, XPath, Extent Reports

- Designed and automated 4+ test cases following Page Object Model design pattern using Page Factory, Selenium and TestNG
- Utilized Apache POI in each test to accept dynamic test data.
- Created a TestNG project for easily running automated test cases.
- Implemented Singleton pattern for initializing WebDriver to make effective use of resources.
- Generated customized test reports for the TestNG project using Extent Reports.

QKart - E Commerce Website [Link]   [Dec 2023]

Skills: Java, Selenium, Locators, HTML, Developer Tools, XPath, TestNG

- Automated testing with **selenium**
- Modularized existing test code for readability and to avoid code duplication by 100%
- Fixed various bugs present in the existing code and used IDE debugger with breakpoints to find and resolve issues faster
- Reduced synchronization issues and reduce execution time using Selenium waits
- Used the TestNG framework for testing
- Used **Apache POI** to read data from Excel Sheet and provide it to Test Cases

QCalc - Scientific Calculator [Link]   [Nov' 2023]

Skills: Java, OOPs Features, VSCode, Exception Handling, JUnit

- Created a multi file Java project for a basic calculator and enhanced it to be a scientific calculator
- Applied OOPS concepts like Encapsulation, Inheritance and Polymorphism
- Implemented calculator operation methods as a **Gradle** project using the **VSCode IDE**
- Debugged and Handled Exceptions for invalid data

API Testing Project [Link]   [Jan'2025]
Skills: Java, Developer Tools, Rest Assured, TestNG
- Executed manual End to **End API testing** for APIs of different web pages using **Postman**
- Automated the API tests using Rest Assured Framework and **Java**
- Integrated **API tests** along with **UI Tests**
- Created a TestNG project for easily running automated testing and used **XML file** to selectively run tests

Experience

N.M. Enterprises   [Jan 2016 to March 2018]
- Worked as T&I Maintenance Engineer
- Conduct **equipment inspections** to check for wear, corrosion, and failures
- Develop **preventive maintenance schedules** to reduce unexpected failures
- Optimize maintenance strategies to improve **asset life and plant efficiency**

ADR HIND Enterprises   [Apr 2018 to March 2020]
- Worked as Electronics Engineer
- **Diagnose and repair** faults in electronic circuits, control systems, and automation equipment
- Inspect and service **power supplies, motors, control panels, and embedded systems**
- Use **condition monitoring tools** (oscilloscopes, multimeters, thermal cameras) to detect potential
- Troubleshoot **electrical hazards, grounding, and power surges**

Madhuminakshi Engicon Private Limited   [May 2020 to Aug 2024]
- Worked as Electronics Engineer in maintenance department
- Hands-on troubleshooting using multimeters, oscilloscopes, and signal analyzers
- Generate **failure analysis reports** to improve reliability
- Calibrate and fine-tune **sensors, actuators, and feedback control systems**

Vishvena techno solutions private limited (Internship)   [Dec 2024 to Jan 2025]

- Prepared and executed detailed test cases based on business requirements and user stories.
- Identified, documented, and tracked bugs using defect tracking tools (e.g., JIRA).
- Conducted functional, UI, regression, and smoke testing across multiple platforms.

Vector Stack pvt ltd   [Present]

- Prepared and executed detailed test cases based on business requirements and user stories.
- Identified, documented, and tracked bugs using defect tracking tools (e.g., JIRA).
- Conducted functional, UI, regression, and smoke testing across multiple platforms.
- Collaborated with developers and project managers to ensure timely resolution of defects.
- Participated in daily stand-up meetings and contributed to QA status reporting.
- Ensured quality standards and processes were followed during each release cycle
- Performing API Testing.

Education

B.Tech | ECE
Mewar University | Chittaurgarh Raj.
CGPA: 6.77
PGDESD | ESD
CDAC | Noida U.P.
CGPA: 6.76