RAKESH MISHRA
Software Engineer

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Profile Summary

10 years experienced SDET with strong understanding and hands-on experienced in developing Test Automation Frameworks from scratch with dynamic understanding of manual and automated testing strategies. Highly experienced in implementing end to end QA processes from scratch.

Education

Bachelor of Technology(Information Technology)   Uttar Pradesh Technical University | **2007-2011**

Technical Skills

Programming Language	Java, C#, JavaScript, Python, Scala, Shell Script
Test Automation Tools	Selenium, REST-Assured, Gatling, Coded-UI, Protractor, Appium, Postman, TestNG
CI/CD Tools	Git, Jenkins, Docker, Maven, Selenium Grid
Test Management Tool	JIRA, Zephyr, Test Rail, PTC Integrity
Web Technologies & Database	HTML, CSS, Bootstrap, Node JS, SQL
Others	Data Structure & Algorithm, Design Pattern, System Design, Test Automation Framework Development, Performance Testing, Distributed System, Agile Methodology, Mobile Automation

Professional Work Experience

Software Development Engineer in Test   **Nov 2020- Present**

Groupon, Bangalore India

- Improves engineering productivity by adding **scalable Automation Testing support**, building **Release Tools** and **analyzing metrics** in both **pre-production** and **production** pipelines.
- Closely working with stakeholders to understand their need with respect **Test results** and implementing and enhancing **current automation** for better visualization.
- Performed **Load testing** and **API functional Testing** for **cloud migration** of the services hosted on on- prem data centers.
- Design and Implemented new dashboard for single point test build, and **scalable Automated test frameworks** which supports the functional **UI and API Testing**.
- Involve in end-to-end Testing activities i.e. **Test Planning, Test Strategies, Test Execution & Reporting**.
- **Technologies**: Java, Selenium, Rest-Assured, scala, Gatling, Blazemeter, Git, Docker

Staff Engineer   **Oct 2014- Nov 2020**

Stryker Corp., Gurugram India

- Architect and Designed **Test Automation Framework Architecture** for **End-to-End Test Automation** by Integrating Desktop Application Test with Web Application and Mobile App Tests.
- Integrated **Coded-UI Framework** with **Selenium** and **Appium** Interfaces. Designed and Developed the Large-Scale Test Automation Framework using Coded UI Library for end to end testing of **WPF Application**.
- Proficient in **Requirement gathering**, working with design teams to understand the requirements, preparation of **Test Strategy, Test Plan, Test Protocol, Test Cases, Test Scenario and Test Reports**.
- Extensively worked on **Video Signal** (DVI, 4K, Composite and S-Video), Device control, Video Routing technologies, and HL7, DICOM, and SIDNE protocols.
- **Technologies**: C#, Java, Selenium, Rest-Assured, Appium, Git, Medical Domain Standards ISO 13485, FDA 21CFR820, IEC 62304, Risk Management-ISO 14971, HIPPA, HL7, DICOM, Design Control, Design Validation and review, FMEA, DFSS

Test Engineer   **Dec 2011- Oct 2014**

Infosys Ltd., Hyderbad India

- Being a fresher graduate, learned **QA process** in depth and implemented **end-to-end testing**.
- Closely worked with developers to understand framework development approaches for QA and contributed in framework development using C# and Coded-UI.
- Design, implemented and executed both Manual and Automation Test cases for Web as well as Mobile application (Android/IOS).
- **Technologies**: C#, Code-UI, Software Test Life Cycle, MTM