

# RAKESH MISHRA

## Software Engineer

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### Profile Summary

10 years experienced SDET with a strong understanding and hands-on experience in developing Test Automation Frameworks from scratch with a 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

- Improved 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 needs with respect to **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 a new dashboard for single-point test build, and **scalable Automated test frameworks** which support 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, Kibana, Splunk, Jenkins

#### 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 an 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 Scenarios 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., Hyderabad India

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