

# Rahul singh

## Senior Software Test Engineer - QC

Senior Software Test Engineer with 6.5+ years of experience in manual and automation testing. Advance knowledge in python as well as working experience in different domains and possession of Bachelor's in Computer Science Engineering.

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## WORK EXPERIENCE

### Senior Software Engineer-QC

#### R systems

06/2022 - Present

##### Achievements/Tasks

- Responsible for testing websites and mobile app for usability and reporting bugs or usability issues to developers
- Testing different browsers and operating systems to ensure compatibility
- Recording videos of sessions while browsing websites to help identify problems with navigation or user experience
- Testing new features before they are released to the public to ensure they meet design specifications
- Responsible for create and execute automation script using testproject tool.

### Lead Test Engineer

#### UST Global

12/2021 - 06/2022

##### Achievements/Tasks

- Review and analyze system specifications
- Responsible for validating API's using Postman tool and writing automation script using python
- Responsible for writing automation script for comparing the product of two files and saving the matching data in Output file.
- Responsible to writing/Executing the test cases (manual or automated) and analyze results
- Report bugs and errors to development teams using Azure board

### Senior Engineer- Testing

#### Aricent Technology

04/2019 - 08/2021

Telecom Industry

Gurgaon, India

##### Achievements/Tasks

- Analyzing business requirement document and work closely with test team in reviewing and clarifying functional aspects of the requirement
- Responsible to update the Automation framework using python when new feature assign
- Responsible for writing and update the xml scripts for execution.
- Reported bugs in detailed and comprehensive manner utilizing JIRA
- Performed regression testing of fixed bugs and for new builds
- Utilize a test case management tool (TestRail) to capture and execute all test cases and test suites

## SKILLS

python

TestProject tool

API testing

Automation testing

Black box testing

Manual testing

firmware(software) validation

Regression testing

Functional testing

integration testing

Mobile App testing

Test plan development

Defect life cycle

Postman - JS

Web testing

Fogbugz (bug tracker)

Jira

Selenium(beginner)

## PROJECTS

### Pentair

- Responsible for doing BVT for website application and Mobile app testing.
- Writing the test cases for new features and updating the old cases in zephyr scale.

### Boeing

- Responsible for Reading the requirements, matching the design, writing test cases, executing them and analyzing the result.
- Responsible for testing API and writing the scripts in python.

### Ruckus Small Cell Project

- Responsible for update the new feature in automation framework and perform the execution through the xml scripts.

### Automation Testing

- Responsible for developing testing scripts in python to automate almost 60% of test cases which reduces 2 days of test execution.
- Skills used: Python, Integration testing, Functional testing, Regression testing, Sanity testing.

### Single phase meter and three phase meter testing

- Responsible for developing test plan and test execution.
- Skills used: Sanity testing, Functional testing, integration testing, Regression testing

## WORK EXPERIENCE

### Software Test Engineer

Gram power India Pvt. Ltd.

03/2016 - 03/2019

Jaipur, India

*we basically make smart meters and the Utility management system to manage entire grid using web.*

#### Achievements/Tasks

- Responsible for black box testing of metering software .
- Responsible for making Test plan and Test cases.
- Experience in building and executing automated testing for responsive product.
- Identified and reported software defect using Fogbugz bug Tracking system.
- Good understanding on Software Development Life Cycle (SDLC) and Software Test Life Cycle (STLC).
- Perform functional, regression, and integration testing using black box and grey box testing methodologies.
- Preparing Requirement Traceability Matrix for test cases.

## PROJECTS

### Tool Development

- Responsible for developing GUI based tool which was used to initialize single phase and three phase meters.
- This tool is being used for each and every meters for initialization.
- Skills used: Python, Testing Strategy, Functional testing

### WiFi meter testing

- Responsible for the validation of data to server through python scripts.
- Developed the automation scripts and GUI for sending the credential for WiFi meter.