Rahul singh

Senior Engineer- Testing

Software Test Engineer with 3+ years of experience in manual and automation testing. Advance knowledge in python and possession of Bachelor's in Computer Science Engineering.

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EDUCATION

Bachelor's degree
T.I.T & Science Bhopal

08/2011 – 06/2015   *Bhopal,7.44 SGPA*

Intermediate
Pragya Vidhyalaya

06/2010 – 07/2011   *Bhopal,60.8%*

High School
Pragya Vidhyalaya

06/2008 – 07/2009   *Bhopal,63.5%*

WORK EXPERIENCE

Senior Engineer- Testing
Aricent Technology

04/2019 – Present   *Gurgaon,India*
Telecom Industry
Achievements/Tasks

- Responsible to update the Automation framework using python when new feature assign
- Responsible for writing and update the xml scripts for execution.

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.

INTERESTS

python   Jmeter(performance testing)

Unit testing   Mysql   Selenium

SKILLS

python   Black box testing   Manual testing

Test plan development   Test plan review

firmware(software) validation   Automation testing

Defect life cycle   Bug reporting

Fogbugz (bug tracker)   Functional testing

Regression testing   integration testing

PROJECTS

Ruckus Small Cell Project (04/2019 – Present)
- Responsible for update the new feature in automation framework and perform the execution through the xml scripts.

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

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

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.

ACHIEVEMENTS

Testing Scripts
Developed python scripts for module testing which helps to reduce testing time as well as helped in less reproducible issues.

Barcode Generation
Developed GUI based barcode generation method using python language and Mysql(basic).