MD SULTAN PARVEZ

Software Quality Assurance Engineer

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EXPERIENCE

Dynamic Solution Innovators

Associate Software Quality Assurance Engineer

📅 February 2021 – Present
⚲ Dhaka, Bangladesh

Responsibilities:

- Implementation of automated testing for user interfaces utilizing Selenium (Python) and Cypress. This initiative resulted in a significant decrease in bug discovery time in new builds by at least 50%.
- Automated testing of APIs utilizing Postman and Cypress. This initiative substantially reduced the time required to perform regression testing on the API by 60%.
- Documented the automation procedures utilizing Confluence.
- Integration of automation scripts into CI pipelines.
- Creation of diverse datasets for edge case testing.
- Writing test cases using GHERKIN syntax based on requirements.
- Evaluation of business requirements.
- Functional, Smoke, and Regression Testing in Production and UAT environments.
- Analysis of issues, suggesting software changes, and composing detailed bug reports.
- Contribute to sprint planning and daily stand-up meetings.
- Create and maintain test cases and test results throughout the SDLC.
- Mentoring new QA members of the team.

PERSONAL AUTOMATION PROJECTS

UI Automation (Cypress)

ⓖ Github

- Technologies: Mocha, Chai, Cypress, mocha-awesome-reporter, Report Portal.
- UI automation scripts of an e-commerce site developed using Cypress framework. This project also used the 'Report Portal' as the automation dashboard.

UI-Automation-Selenium-Pytest

ⓖ Github

- Technologies: Selenium, pytest, pytest-html
- Automation scripts for UI test automation of e-commerce using pytest. This project follows the POM structure which ensures redundancy.

UI Automation (Selenium)

ⓖ Github

- Technologies: Selenium, TestNG, Extent Reports, Maven.
- Automation scripts of a web app. Separated functions based on the pages.

UI Automation (Selenium-Python)

ⓖ Github

- Technologies: Selenium, unittest, Html-TestRunner
- Automated test cases using selenium (python), also utilized POM structure for re-usability

BLOGS

⬀ Selector Strategies

- In this article I wrote about the selector/locator strategies that will help identify any element in DOM tree.

EDUCATION

BRAC University

B.Sc in Computer Science & Engineering

📅 January 2016 – October 2020
⚲ Dhaka, Bangladesh

CERTIFICATES

❋ Cypress -Modern Automation Testing from Scratch + Frameworks

❋ Git Complete: The definitive, step-by-step guide to Git

❋ Postman API First

SKILLS

Cypress Selenium Postman Appium

Jenkins Docker JMeter Cucumber

Maven REST Assured VI Commands

Assembly Language Django MySQL

MongoDB Express React Node Js

Android Development Bash Scripting

Mocha Chai Robot Framework

GitHub Git GitHub Action

Java JavaScript Python

Report Portal

PROJECT MANAGEMENT TOOLS

Jira Azure DevOps Confluence

QA Complete Xray Miro

OTHER PROJECTS

Souvenirs (Social Engagement App)

ⓖ Github

- Technologies: Node.js, React, MongoDB.
- A social media site where you can share your precious memory with others.