MD SULTAN PARVEZ

Software Quality Assurance Engineer

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EXPERIENCE

Dynamic Solution Innovators

Software Quality Assurance Engineer

📅 February 2021 – August 2025
📍 Dhaka, Bangladesh

Responsibilities:

- Led automation testing efforts for various clients, including Black Duck.
- Conduct software quality assurance for open-source security and compliance solutions at Black Duck.
- Develop and execute automated test scripts using Selenium, Cypress, REST Assured, improving test efficiency.
- Identify and document software defects, collaborating closely with developers.
- Perform API testing and security compliance verification for open-source components.
- Integrate automation scripts into CI/CD pipelines to ensure seamless deployments.
- Maintain test plans, test cases, and results using Jira, Confluence.

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 the DOM tree.

⬈ Getting started with cypress

- In this article I wrote a beginner guide for anyone interested to try out cypress.

EDUCATION

University of Copenhagen

M.Sc in Quantum Information Science

📅 September 2025 – Present
📍 Dhaka, Bangladesh
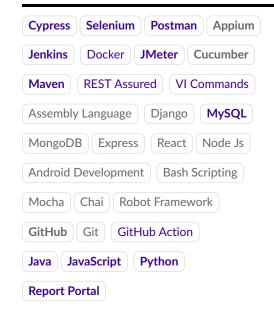

BRAC University

B.Sc in Computer Science & Engineering

📅 January 2016 – October 2020
📍 Dhaka, Bangladesh

CERTIFICATES

❇ Cypress -Modern Automation Testing from Scratch + Frameworks

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

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.