# MD SULTAN PARVEZ

**Software Quality Assurance Engineer**

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## EXPERIENCE

Dynamic Solution Innovators

**Software Quality Assurance Engineer**

📅 February 2021 – Present
📍 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

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.