

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

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.