

Md Zubair Ibne Alam

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Education

M.Sc. in Computer Science
York University
Jan 2021 - Nov 2022

B.Sc. in Computer Science & Engineering
Islamic University of Technology (IUT)
Dec 2012 - Nov 2016

Technical Skills

Languages:

Python, Java, C#, SQL

Web Development:

JavaScript, jQuery, React, Node.JS,
Bootstrap, Jekyll, D3.js

Automation Framework:

TestNG, Serenity BDD, Cucumber,
Gherkin, Robot, Pytest, JUnit

Web Automation:

Java-Selenium, Python-Selenium

Desktop/GUI Automation:

PyAutoGUI, AutoIT, TestStack.White,
Sikuli

Mobile Automation:

Appium

API Automation:

PostMan-NewMan, PyRequest

Others:

Git, CI/CD, Jira, Linux Environments,
Jenkins

Achievements

- York University Graduate Fellowship.
- OIC Undergraduate Scholarship.
- 2nd Place at Intra University Computer Programming Contest 2014 in IUT.
- Employee of the Month - Enosis Solutions (Aug-2019, Feb-2020)

Volunteering

- Served as President of York Bangladeshi Graduate Students' Association (YBGSa).
- Project Showcase Coordinator at IUT ICT Fest 2016.

Professional Experience

Intern Automation Engr. *Veeva Systems, Canada*

Oct'22 - Present

- Automating UI and API test cases for QualityOne (CP&C) using Java, Selenium Webdriver, Serenity BDD, MDL, etc.
- Identifying and fixing failed tests due to scripting or data errors.
- Participating in automation planning sessions and daily build investigation for QualityOne automation report.
- Completed training on *Vault Platform Fundamentals, Business Administrator, Workflow & Security Fundamentals, Document Workflow, Object Workflow & Security Configuration* with course completion credit.

Key Technologies: Java, Selenium, Serenity BDD, Jenkins.

Research Assistant

York University, Canada

Jan'21 - Nov'22

- Develop accessible web-based tools for blind or visually impaired people to understand and explore graph-visualizations using HTML-CSS, JavaScript, and Python-Flask.
- Integrate Transformer-based NLP models for chart summarization, and chart question-answering.

SQA Engineer

Enosis Solutions, Bangladesh

Nov'16 - Jan'21

- Analyze business requirements and technical specifications of any new application under deployment and convert functional specifications, wireframes, use cases, and sitemaps into test documents.
- Develop automated testing systems using commercial or non-commercial tools, scripts, and data sets.
- Develop and maintain Web-Automation suites using Java-Selenium-TestNG, GUI-Automation using Python-PyAutoGUI-Robot, API-Automation using PyRequests-Robot framework, and Mobile-app automation using Appium.
- Execute load test using JMeter and service layer test using Postman-Newman.
- Conduct all types of application testing as needed, such as integration, system, regression, exploratory, UI, and acceptance testing methods to ensure the highest levels of quality.
- Analyze formal test results to discover and resolve defects, bugs, errors, configuration issues, and interoperability flaws.
- Review code and write down test codes/applications to find bugs.
- Maintain communication with onsite (North-American) teams.

Projects

Test Automation

Web Automation Framework

Tech: Java, Selenium, TestNG [\[Link\]](#)

Tech: Python, Selenium, TestNG, Extent Reports [\[Link\]](#)

Desktop GUI Automation

Tech: Python, PyAutoGUI, Robot Framework [\[Link\]](#)

API Automation

Tech: Python, PyRequest, Robot Framework [\[Link\]](#)

Publications

Conference

EXPRESit: Interactive messaging via gestures

Published in the *Proceedings of ICCIT 2016* [\[Download\]](#)