Md Zubair Ibne Alam

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🌐 zubairshovan.github.io/my-cv/

github.com/ZubairShovan

gitlab.com/zalamshovan

Education

M.Sc. in Computer Science
York University
Jan 2021 - Aug 2022 (expected)

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, 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, CUDA, Linux
Environments, Docker, Jenkins

Achievements

-York University Graduate Fellowship.
- OIC Undergraduate Scholarship.
- 1st Place at Project Showcase
Competition 2015 in IUT.
- 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

Research Assistant York University, Canada   Jan'21 - Present
• 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, chart question-answering.
Key Technologies: Python, Flask, HTML, CSS, D3, JavaScript.

Sr. SQA Engineer Enosis Solutions, Bangladesh   Aug'18 - 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.
• R&D on software testing automation tools and frameworks.
• Works independently and within engineering-practices to maintain, modify, and enhance existing quality assurance methods and processes.
• Maintain communication with onsite (North-American) teams.

SQA Engineer Enosis Solutions, Bangladesh   Nov'16 - Jul'18
• Run UI, Functional, Stress, Acceptance, System testing, Regression Testing.
• Write desktop automation tests with PyAutoGUI and Robot Framework.
• Develop and document test configurations and test environments.

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]

Website York Graduate Student Association
Tech: HTML, CSS, Bootstrap [Link]

Intelligent Visualization Lab
Tech: Jekyll, HTML, CSS [Link]

Publications

Conference EXPRESit: Interactive messaging via gestures
Published in the Proceedings of ICCIT 2016 [Download]