





Md Zubair Ibne Alam

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Education

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

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

Technical Skills

Languages:
Python, C, C++, Java, SQL, C#
Web Development:
D3.js, React, Bootstrap, CSS, JavaScript, Jekyll, jQuery
Web Automation:
Selenium, TestNG, JUnit, Robot Framework, Cucumber
Desktop/GUI Automation:
PyAutoGUI, AutoIT, TestStack.White, Sikuli
Mobile Automation:
Appium, Xamarin, Robot Framework
API Automation:
PyRequest, Robot Framework, PostMan-NewMan
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.
- Executive member of Photography Society of Islamic University of Technology.

Professional Experience

Research Assistant	York University, Canada Jan'21 - Present
	<ul style="list-style-type: none">• Developing novel accessible web-based tools for visually impaired people.• Developed web-based tools using D3.js, JavaScript, Bootstrap, and Python-Flask. Key Technologies: Python, Flask, HTML, CSS, D3, JavaScript.
Sr. SQA Engineer	Enosis Solutions, Bangladesh Aug'18 - Jan'21
	<ul style="list-style-type: none">• Analyze business requirements and technical specifications of any new application under deployment and convert functional specifications, wireframes, use cases, and sitemaps into test documents.• 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.• Develop automated testing systems using commercial or non-commercial tools, scripts, and data sets.• Review code and write down test codes/applications to find bugs.• Research 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.• Develop and maintain Web-Automation suites using Java-Selenium-TestNG, GUI-Automation using Python-PyAutoGUI-Robot, API-Automation using Py-Requests-Robot framework.• Execute load test using JMeter and service layer test using Postman-Newman.• Developed web-based tools using D3.js, JavaScript, Bootstrap, and Python-Flask.
Jr. SQA Engineer	Enosis Solutions, Bangladesh Nov'16 - Jul'18
	<ul style="list-style-type: none">• Performing UI, Functional, Stress, Acceptance, System testing, Regression Testing.• Plan and execute test cases for application features.• Use PyAutoGUI and Robot Framework for Automation.• Develop and document test configurations and test environments.• Review the production code and write down test codes to verify functionality.• Measure application performance and suggest improvements.• Explore application requirements and post relevant queries/suggestions.• Prepare and maintain test documentation suite that includes test scripts, feature workflow diagrams, checklists, test reports, release note and system support documentation.• Provide rapid and constructive notification on any fix/development.• Ensuring testing activities to guide development teams to meet the business requirements and systems goals.

Publications

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