Md S Zaman

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in linkedin.com/in/zamanmd   🔗 https://msz5213.github.io/mdzamanportfolio/

Summary

Full-Stack SQA engineer, practicing SQA principles and methodologies. Quite a long time of technically managing, supervising and mentoring and leading full-stack testing efforts & hands-on coding, leading with the ability to collaborate with software development in all phases of the SDLC & STLC, including planning, coding, testing, troubleshooting, deploying, and ongoing SQA full-stack automation code maintenance & delivering right product on time.

Expertise on Tech Stack: Programing Language: Python, Java & Javascript, NodeJS and Automation Framework: Selenium, CypressIO, Protractor, WebDriverIO, Appium, XCUITest, NightWatch, RestAssured, SuperTest, Frisby, PyTest, Agile-Scrum, JIRA, Xray, Rally, Zephyr, Adaptavist, ALM, SQL, CodedUI, Swagger, Confluence, POSTMAN, Splunk, New Relic, SonarQube & CheckMarx, BigData, Figma, JSON, HTML, PhantomJS, Jupiter notebook, Immuta, JMeter (Backend, AWS S3 Storage & UI Load & Stress test), Mainframe, Salesforce, MuleSoft, AS400, Megenta, Bigcommerce

Experience

Sr Mgr, Software Dev

Raytheon Technologies

Apr 2020 - Present (1 year 3 months +)

Company Overview: https://www.rtx.com/

Raytheon Technologies are advancing aviation, building smarter defense systems, and creating innovations to take us deeper into space. That is the future of aerospace and defense.

• Working closely with the business groups, engineering organizations, software development teams, and operations teams to continually evaluate and improve the end-to-end software development in test processes, tools, and testing methodology using in the digital accelerator.
• Taking initiatives & leading the cross-functional team to define the software quality standards and metrics that will be used to evaluate software development processes in the digital accelerator.
• Leading the implementation of approved process changes, new tool adoption, and new testing method.
• Developing & maintaining a standard software scorecard to measure the progress toward software quality goals & objectives.
• Evaluating and compare the software development in test processes to global best practices to identify and recommend opportunities for process improvements, new tools, and new methodologies.
• Identifying opportunities for innovation, reduced complexity, and proactive reduction of technical debt in software development in the test process.
• Identifying, recommending, and implementing automated testing improvements throughout the entire software development lifecycle to increase the speed, reliability, and manageability of the testing process.
• SQA engineers mentoring and training as necessary to ensure adoption and effective use of new ways of working.
- Schedule weekly team meetings to review progress, blockers and metrics
- Meet 1 on 1 at monthly or as need to review goals and objectives.

Achievements & Continuous Development below area:
- Software Quality Standards & Best Practice across the company
- Selenium, Appium (XCUITest), WebDriverIO, Protractor, CypressIO, RestAssured, SuperTest, Pytest (Python), Jupyter Notebook, Immuta, Atlassian Software.

Director, QA Engineering
Global iTech Solutions (GITS)
Apr 2020 - Present (1 year 3 months +)
Company Overview: https://msz5213.github.io/ittciwebsite/
GITS is a Global Technologies Engineering Resourcing Company to grow as an individual and as a company. Focusing on specific Software Development disciplines to making sure as a company building the right product.

• Working closely with the business groups, engineering organizations, software development teams, and operations teams to continually evaluate and improve the end-to-end software development in test processes, tools, and testing methodology using in the GITS.
• Taking initiatives & leading the cross-functional team to define the software quality standards and metrics that will be used to evaluate software development processes across the different projects in GITS.
• Leading the implementation of approved process changes, new tool adoption, and new testing method.
• Creating a culture of continual improvement in the SDLC & STLC throughout the digital accelerator.
• Partnering with the software development leadership team to define the internal quality maturity capabilities & standards that will be used to assess the continual improvement of the software development in test processes.
• Developing & maintaining a standard software scorecard to measure the progress toward software quality goals & objectives.
• Evaluating and compare the software development in test processes to global best practices to identify and recommend opportunities for process improvements, new tools, and new methodologies.
• Identifying opportunities for innovation, reduced complexity, and proactive reduction of technical debt in software development in the test process.
• Identifying, recommending, and implementing automated testing improvements throughout the entire software development lifecycle to increase the speed, reliability, and manageability of the testing process.
• SQA engineers mentoring and training as necessary to ensure adoption and effective use of new ways of working.

Sr Mgr, Software Dev
UTC Aerospace Systems
Oct 2018 - Apr 2020 (1 year 7 months)
At UTC Aerospace System, we're working side-by-side with customers to unleash the exciting possibilities we see before us. With a comprehensive portfolio, extensive capabilities and broad expertise, we're crafting intelligent solutions to meet the demands of a rapidly evolving global market – all representing the best in innovation and technology for the industries we serve. We do working with Commercial aviation, Business aviation, Military & Defense Aviation & Space

Technical Managment Lead & Hands-on contributor on a project: Full Stack Manual & Full Stack Automation
Accomplishment:
- Sensitech STM Project (Hybrid Application)
- Reliability (Prism) Project (Web Application)
- Across DX - Set up SQA (Manual & Automation) Standards & Best Practices
- Across DX - Set up UI & API's Multi Automation Framework boilerplate architecture

Day 2 Day Responsibilities:
- Across DX - Kicks off the project set up (Automation Framework Architecture Leveraging best practices)
- Across DX - Coaches SQA Engineers in terms of Manual & Automation skills, ensures standards are followed)
- Across DX - Review Automation PR's
- Hands-on working on multiple Boilerplate Automation Framework

Full Stack Automation leveraging:
- Hybrid Mobile App Automation - Appium XCUITest (iOS & Android), Selenium, Java, TestNG, Maven
- UI Automation - WebDriverIO, CypressIO, Protractor, NodeJS, Javascript, Mocha-Chai, Jasmine & Python, Selenium, PyTest, UnitTest Framework
- RESTfull API's Automation - RestAssured Framework & Mocha Chai NodeJS SuperTest & Python, PyTest, UnitTest Framework

Full Stack technologies leveraging:
- Agile-Scrum Framework, STLC, JIRA, Confluence, PostgreSQL, Adaptavist, Xray Jira plugin, Postman, BlazeMeter, Apache JMeter, Git, GitHub, TFS, Docker, Microsoft Azure DevOps, Jenkins, Java, C#, Python, Javascript, AngularJS, ViewJS, Mocha-chi, Jasmin, Selenium, Protractor, Nightwatch, cypress, ReadyAPI, RESTfull API's, SauceLab, Amazon device farm

Lead Software Engineer In Test (Web, iOS & Android)
Bank of America Merrill Lynch
May 2018 - Oct 2018 (6 months)
It provides services in mergers and acquisitions, equity and debt capital markets, lending, trading, risk management, research, and liquidity and payments management. More Info - https://www.bofaml.com

Day to Day Responsibility at BoAML:
- Leading the Manual & Automation engineer team, strategy and setting up the direction as well as being a meaningful hands-on contributor.
- I am responsible for all escalation & Initiatives and the document management systems for the test Environment.
- Responsible for designing, developing & maintaining the test procedures as well as author test plans and test cases. I am also responsible for implementing automation test and third-party tools where needed.

I have been working & leading multiple projects using multiple automation Framework for such as:
o Cucumber-Gherkin Framework – Leveraging Appium (iOS & Android), Selenium WebDriver, Page Object Model with Page Factory, Java, TestNG, Maven, Docker, Git, BitBucket, Jenkins, SauceLabe.

o Protractor Framework – Selenium WebDriver, Protractor, Page Object Model, JavaScript, Jasmine

Concept, Node.js, Docker, Travis, SauceLabe, Yarn, Jest, SuperTest (API) test Framework.

o I have been using Rest (API) for Web-Service, POSTMAN, JMeter, and JIRA for Project management and Defect management, Quality Center (ALM) for test case management, Lync for communication and Splunk for Syslog.

Environment: Agile-Scrum, Appium (iOS & Android) Selenium, TestNG, Java, Python, POM with page factory, Protractor, NightwatchJS, Jasmine Node.js, Cucumber, Git/BitBucket, Jenkins, Web Service (Rest), SpecFlow, Unix/Linux, PHP, Selenium-C# Visual Studio, Bootstrap, WebRTC, Fiddler web debugger, Postman, JSON Meg, Validation, Jest, Yarn, SuperTest, Winston, SharePoint, Seq-Log (Events) Server.

Sr. Devops/Automation Engineer

Hearst Magazines

Oct 2017 - Apr 2018 (7 months)

Day to Day Responsibility was at HEARST:

o I was Leading the automation engineer team, strategy and setting up the direction as well as being a meaningful hands-on contributor.

o I was responsible for all escalation & Initiatives and the document management systems for the test Environment.

o Responsible for designing, developing & maintaining the test procedures as well as author test plans and test cases. I am also responsible for implementing automation test and third-party tools where needed.

o I had been working & leading multiple projects using multiple automation Framework for such as:

o Protractor Framework for web & Appium-mobile (iOS and Android) application – Selenium WebDriver, Page Object Model, JavaScript, Jasmine Concept, Node.js, Docker, and Travis, SauceLabe, Yarn, Jest, SuperTest (API) test Framework.

o Legacy (Java Selenium Framework) - Leveraging Selenium WebDriver, Page Object Model with Page Factory, Java, TestNG, Maven, Docker, Git, GitHub, Jenkins, SauceLabe.

Lead, Software Engineer - Test

JCDecaux

Mar 2017 - Oct 2017 (8 months)

Company Overview: (http://www.jcdecauxna.com/company/overview/)

At JCDecaux, I have been working on Agile-Scrum environment on web-basded application. Responsible for leading QA Automation team offshore & onshore and designing, developing & maintaining core QA Automation framework, leveraging bellow technology stack.

QA Development Stack:

Selenium (API), Protractor, Page Object Model, JavaScript, nodeJS, npm, Jasmine, Docker, Travis, SauceLabs, VSCode, Git, GitHub, JIRA (zephyr & x-ray), REST (API's).

Including daily maintenance project technology stack:

Selenium (API's), Java, TestNG, Maven, POM with Page Factory, Eclipse, Git, GitHub, BrowserStack, Docker, Jenkins, Splunk, RestAPI, Postman

At my spare time, I teach people at IT Training & Consultant (www.itnycusa.com). I always passionate about learning new technology & leveraging with the current process and taking challenges every day!

Lead, Software Engineer - Test
Cloud9 Technologies, LLC
Jul 2016 - Mar 2017 (9 months)
Company information visit: www.c9tec.com
Including daily work activities:
Web development: HTML, CSS, Bootstrap, front-end JavaScript Library (jQuery, Angular) along with back-end Node.js

E2E testing framework (AngularJS Applications)
Protractor & Nightwatch: Selenium WebDriver, POM, JavaScript, Jasmin, Node.js, npm, maven, Allure - Report, Git, Bitbucket, Jenkins.

Testing framework (Without AngularJS Applications)
- Selenium WebDriver, Selenium Grid, POM with page factory, Java, TestNG, Maven, Jenkins
- Selenium WebDriver, Selenium Grid, POM with page factory, Java, JUnit, Cucumber, Gherkin, Maven, Jenkins
Working on Windows, Unix & Linux systems • Have been using REST API's for web services testing, Git/bitBucket for shared repository, JIRA for Project management, (Jira-Zephyr) TC's management and Defect management, Lync for communication, Splunk for Syslog.

Environment: Agile, Protractor & Nightwatch, Selenium (WebDriver, Grid), TestNG, Java, POM with page factory, Splunk, Wrike, Linux-Ubuntu, Jasmine, Node.js, npm, Cucumber, Git/GitHub, Jenkins, WebService (Rest), Postman, Unix/Linux, WebRTC, fix protocol.

Lead Automation Eng. (Application System Eng.-ASE6)
Wells Fargo
Nov 2015 - Jul 2016 (9 months)
Responsibilities:
- Leading or managing Quality Assurance and/or Development teams of 10 or more resources with strong communication skills, both oral and written.- Leading automation team (Edge to CIV- STM Project) & multiple projects.- Application development and implementation
- Development Automation - Selenium/Java Automation along with strong Visual Basic skills. - Cucumber test Automation using Java - Developing and testing Contact Center Technologies - HP ALM/Quality Center for requirements, test case, defect tracking; integrating automation with HP ALM/ Quality.- Developing with Empirix Hammer, Cyara Call Master call flow automation tools.- Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC).- Handle projects independently and successfully in challenging and cross-platform environment.- Exposure to internet technologies such as HTML 5, JSP and understanding of internet architectural components is a plus.- Working with an onshore/offshore team model
- Coached and mentored junior to mid-level team members on object oriented programming principals Technology being used-Selenium (API) WebDriver & Grid, AutoIT, Maven, Java, TestNG, POM, SVN, CI Server, ALM, JIRA, Outlook, Lync(IM), DIBS, Oasis

Software Development Engineer in Test (ITS3)

Washington State Department of Social and Health Services

Jan 2015 - Nov 2015 (11 months)

As a technical lead, my position was to support the development of the FamLink application and other CATS applications and platforms. I was performed detailed analysis to identify defects, troubleshoot test environments, and maintain test scripts.

I was working in a continuous integration environment where I was responsible for testing FamLink web based application and for next generation of iOS devices. My role was to designing, implementing, and maintaining automation tests and also I was involving with load test & performance test (using JMeter), API test, smoke test, and Functional test, Regression test for the FamLink Web application, which runs on a variety of devices such as windows, tablets, and phones

Sr. Test Engineer

AT&T

Jun 2012 - Dec 2014 (2 years 7 months)

At AT&T, I worked in a continuous integration environment where I was responsible for Testing E-commerce based Telecommunication retail domain (web application) and iOS/Android devices. My role was to implement Manual and Automation test Suite. Involved Performance test (using Keynote), integration test, smoke test, functional test, Regression test for the AT&T web application, which runs on a variety of devices such as windows, tablets and phones.

Designing (detailed design), estimating, developing, and performing code reviews, created-test plans, test cases, implemented test automation using Selenium (API), executing test script and produced test results, reports and evidences (as required by the clients). Technologies being used Java/JavaScript, HTML, DOM, XML, JQuery, JSON and AJAX, Based on the specs which are indicated in the detailed design documents, and implemented assigned modules either by traditional method or by BDD depending on the needs which are specified in the detailed design documents.

IT Support Specialist

Live Technologies Ltd

Feb 2007 - Jan 2011 (4 years)

At Live Technologies Ltd, I worked in with streaming domain, web based application. I was responsible for Manual and Automation tests both but specially, Designed, Developed, Maintain the automation code. Analyzed the software requirements, writing functional test cases, Creating test data, performed functional test, smoke test, regression test, UAT test to the functionality of the application and modules. I developed SQL queries to perform backend testing of the database. Building test automation suites for the application using Selenium (API), Hands on SDLC (System Development Life Cycle) experience

Technology being used –I have worked in Agile software development methodologies (waterfall) • Application development and implementation. Working with Continuous Regression Testing methodology • Selenium (API) Development, Eclipse • Java/JavaScript Development • Junit ((Java Framework) • data driven framework development • Integration Testing, smoke test, Functional test, Regression test• UI Test Automation • Manual Test • Application Deployment

Education

The City University of New York

2nd Bachelor's Degree, Computer Engineering
2012 - 2014

National University of Bangladesh (Titumir College)
Master's Degree, Chemistry
2001 - 2007
Bachelor & Masters in chemistry

Licenses & Certifications

Certified SAFe® 4 Agilist - Scaled Agile, Inc.
Issued Jul 2014 - Expires Jul 2020

Master in Selenium Automation with simple Python Language - Udemy
mdszaman83@gmail.com

Selenium Webdriver with Java (Basics + Advance + Architect) - Udemy
mdszaman83@gmail.com

Protractor: End to End testing framework for AngularJS Apps - Udemy
mdszaman83@gmail.com

API Testing Automation: REST Assured API Testing with Java - Udemy
mdszaman83@gmail.com

JMETER - Master Performance & Load Testing(Basics + Advance)
mdszaman83@gmail.com

AdvanAgile-Scrum and Project Delivery
mdszaman83@gmail.com

WebDriverIO(v5) - Udemy
https://www.linkedin.com/sharing/share-offsite/?url=http%3A%2F%2Fude.my%2FUC-80f

Certified Tester Foundation Level (CTFL) - ISTQB® - International Software Testing Qualifications Board
MD Zaman

Professional Scrum Master I - Scrum.org
MD Zaman

Skills

Full Stack QA Engineering • Selenium • Cypress.io • Protractor • WebdriverIO • Java • JavaScript • Python (Programming Language) • JMeter • LoadRunner