**Mohamed Moheyeldin**

**SDET / Software Development Engineer in Test**

**PROFESSIONAL PROFILE**

I am a highly motivated, fast paced, and experienced Software Development Engineer. I have worked as an individual contributor as well as a good team player and have over 10+ years of IT experience across public and private domains. Excel in leading and motivating effective cross-functional teams, proven expertise in creating and maintaining test automation frameworks.

Website Testing ~ Offshore Test Coordination ~ Quality Assurance ~ Agile / Waterfall Testing ~ API Testing Postman ~ Selenium Automation Tools ~ Cypress Automation Tools ~ Great Leadership Quality ~ Bug tracking tools JIRA, Azure DevOps.

Analytical, Problem-solver Individual with an excellent ability to plan and execution of end-to-end project lifecycle testing. Focused individual with a drive to excel, plan, create and execute testing under fast paced and time-sensitive environments. Decisive, energetic, focused team player with an aptitude to drive testing/quality assurance for highly complicated end-to-end systems through implementation and user acceptance.

**Area of Interest and Expertise**

* Few of my completed projects: Federal, Banking, E-commerce, Health insurance and Loan Origination system
* Great experience in Designing, developing, implementing, and monitoring clear and concise traceability matrix, test plan, test cases.
* Experienced With Test Automation utilizing Cypress or Selenium, TestNG and monitored closely every phase of SDLC.
* OIDC set up using Okta MFA (**Okta**) to be part of Cypress automation framework.
* Evaluating and analyzing project and application testing needs and providing guidance to developers and testers and monitored closely every phase of SDLC.
* Experienced in GitHub web-based hosting service for Version Control to cover a wider range of test categories and creation and execution of test cases in continuous deployment using **CI/CD** Pipelines
* Extensive experience in running various kinds of tests such as unit, functional, regression, integration, system, and user acceptance test (UAT).
* Provided a combination of professional and technical QA leadership and support in the test planning, test design, and test execution of technology solutions and handled multiple roles like Test Lead, Test Analyst, and Business Analyst.
* Strong experience in Software Development Life Cycle using Agile, Scrum, Waterfall methodologies.
* Outstanding ability in bug detailing, tracking, and handling its life cycle.
* Enormously interpersonal, exceptional technical writing skills, great problem solving and communication skills.
* Experience in streamlining continuous test processes that improve product delivery Experience with **Selenium** Grid, TestNG, JUnit, **Cucumber**, **Gherkin**, and **Cypress** Dashboard.
* Hands on a cloud-based development and production environment such as AWS.
* Demonstrated excellence in professional work ethics, organizational, interpersonal and communication skills to effectively interact with clients/managers, team members, co-workers, and testers across the globe in fast paced environment.
* Experience in handling different business models including on site, offshore (multiple geographical locations), and hybrid.
* Train/coach/mentor junior and team members resources on various Projects.

**Technical Skills**

* **Testing Tools: Selenium** WebDriver, Selenium Grid, **Cypress**, JUnit, TestNG, Maven, Gradle, Serenity BDD, **Cucumber**

BDD, Jenkins, Micro Focus UFT, GitHub Actions, Applitools.

* **Utilities:** Microsoft Office Suite, Azure DevOps, AWS, Bitbucket, Confluence, Cypress Dashboard**,** Bamboo
* **Defect Management:** Jira, MS teams, Azure DevOps, and GitHub tracking system
* **Languages:** Java and JavaScript
* **Testing Automation:** Selenium and Cypress.
* **Databases:** Microsoft SQL Server, Oracle Database, Mango DB, Amazon Aurora DB
* **Certification**: Cucumber BDD Automation Framework Certification # 0037870404

**Employment History**

**TCS**, Senior Automation Test Engineer *Jan 2022 – Current*

***Location****: Remote*

* Works in multiple projects to design and develop test automation strategies and framework that will allow better automated test coverage Cypress and Selenium.
* Communicating goals with stakeholders and gathering their requirements and updates.
* Develop and document automated test strategy for new product features.
* OIDC set up using Okta MFA (**Okta**) to be part of Cypress automation on production and lower environments.
* Make sure automation and testing meet all project standers and declines.
* Improve accuracy of testing, streamline workflows throughout the team.
* Implemented Cypress framework for UI automation.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using Selenium WebDriver, TestNG and Maven and Java
* Create new CI/CD using Cypress Dashboard, GitHub, and GitHub Actions
* Allocating and managing team testing resources
* Managing projects testing progress and Delegating tasks
* Train/coach/mentor team members resources on site, offshore

**Administrative Office of The United States Courts**, SDET *Dec 2019 – Jan 2022*

***Location****: Remote*

* Convert five projects from manual testing to automation testing.
* Design, edit and execute test cases and test scenarios.
* Create Smoke and Regression tests using JavaScript, **Cypress** and Mocha framework.
* Develop and document automated test strategy for new product features.
* Design and implement hybrid frameworks and Page Object Model Pattern based Keyword.
* Driven automation testing framework utilizing Java, TestNG, Cucumber and Selenium Web-Driver.
* Test entire functionality of the application on different browsers based upon Business and System Requirements to
* Use Bitbucket repository.
* Configure and implement CI/CD pipeline.
* Implement VM configuration for automation: Hub and Node using Selenium Grid, Bamboo and Bitbucket
* Configure **Selenium** Web Driver, TestNG, Maven tool and create selenium automation scripts in java using TestNG, prior to next quarter release.
* Solve complex automation challenges involving dynamic objects.
* Use Hybrid, Keyword/Data Driven Framework, POM and extracted data from external Json or Excel files using Apache POI and loaded into the variables in the scripted code.

**Customer Technology Solutions at Chick-fil-A Corporate,** SDET *Nov 2017 – Dec 2019*

***Location****: Atlanta, Georgia / Remote*

* Setup full CI/CD pipeline using GitHub Actions, **Cypress** Dashboard services and AWS.
* Create Smoke and Regression tests using JavaScript, Cypress, and Mocha framework.
* Setup Applitools part of test framework for visual verification and detects any visual bugs.
* Create API tests using Cypress and Postman.
* OIDC set up using Okta MFA (**Okta**) to be part of Cypress automation on production and lower environments.
* Use **AWS** Custom CLI and Dashboard to access the ES2, Aurora DB, and S3 buckets.
* Help with application deployments to lower and production environments, by doing pre-and post-smoke tests also monitor application API calls for any errors or warnings using DataDog with custom DataDog filters.

**Ally Bank,** Software Engineer in Test *May 2017 – Nov 2017*

***Location****: Sandy, UT / Remote*

* Setup full CI/CD pipeline using GitHub Actions, **Cypress** Dashboard
* Implemented Cypress framework for UI automation.
* Create Smoke and Regression tests using JavaScript, Cypress, and Mocha framework.
* Help with application deployments to lower and production environments, by doing pre-and post-smoke tests.

**Travelers Insurance,** Automation Test Engineer *May 2015 – May 2017*

***Location****: Hunt Valley, MD*

* Worked in a fast-paced agile environment.
* Design, develop and implement Page Object Model Pattern using **Selenium** automation testing framework.
* Maintained regression test suite.
* Extracted data from external Excel files using Apache POI
* Used Maven to manage project build dependencies and Used Jenkins to run nightly build.
* API testing using Postman.
* Performed parameterization of the automated test scripts in Selenium to check how the application performs against multiple sets of data.
* Used Jira for task tracking and defect management.

**Kaiser Permanente,** Selenium Automation Engineer *March 2014 – May 2015*

***Location****: San Diego, CA*

* Worked in Agile environment to conduct end-to-end system testing, functional testing, interface testing, regression testing, and user acceptance testing.
* Created automation framework and test scripts in JAVA using Selenium for multiple platforms and browsers testing.
* Responsible for implementation of Hybrid Test Automation Framework, Page Object Model using **Selenium**

WebDriver, TestNG and Maven and Java

* Build rest API Automation Test scripts using Rest Assured.
* Wrote complex SQL scripts for Backend testing and Frontend Data validations.

**Deutsche Bank,** Quality Assurance Engineer *Sep 2013 – March 2014*

***Location****: New York, NY*

* Performed manual Black box, Functional, GUI, Regression, Integration testing.
* Executed manual test cases and identified the test cases to be automated.
* Identified the initial setup, input data, appropriate steps, and the expected responses in the manual test cases.

**Refence** – Will be provided upon request.