 **Hasnaa Douh**

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**PROFESSIONAL EXPERIENCE – 9 YEARS**

**SUMMARY**

QA Software Engineer with **9+ years** of experience in **automated** and **manual testing** across web and web mobile platforms. Proficient in **Java**, **Selenium WebDriver**, **Cucumber BDD**, and **API testing** with **Postman**. Skilled in building robust automation frameworks, managing **CI/CD pipelines (Jenkins, GitHub Actions)**, and collaborating in **Agile teams**. Strong background in **functional**, **regression**, and **smoke testing**, with expertise in **test planning**, **execution**, and **traceability** using **Jira Xray**.

**TECHNICAL SKILLS**

* **Test Automation:** Selenium WebDriver, Playwright, Cucumber BDD, TestNG
* **Programming Languages:** Java, SQL, JavaScript (Basic knowledge)
* **CI/CD:** Jenkins, GitHub Actions
* **Development Methodologies:** Agile (Scrum)
* **Version Control:** Git
* **TMS:** Jira, Jira’s Xray
* **API Testing**: Postman
* **IDE:** Aqua IDE, Eclipse, IntelliJ IDEA
* **Code Editors:** VS Code
* **Database Tool**: MySQL Workbench
* **AI Tools**: JetBrains AI assistant, GitHub Co-pilot

**EDUCATION & CERTIFICATIONS**

**Bachelor in BBA/ Marketing- IT -** University of Quebec in Montreal (UQAM) **May 2017**

**College Degree of Administration and Computer Science** - Technology Institute **June 2010**

**Bachelor in English linguistics -** University Hassan II **June 2006**

* **Scrum Master Certification**
* **Web site Optimization tools Certification**
* **Photoshop Certification**
* **Advanced Google analytics Certification**
* **Google AdWords Certification**
* **Digital strategy and social media content**
* **Excel Certification**
* **Written Business English**

**PROFESSIONAL EXPERIENCE**

**Client:** Anthology (Blackboard Learn LMS) **March 2020 – Present**

**Senior Test Automation Engineer**

* Providing manual and test automation support for the team developing and maintaining the **User Records Module**.
* Developing a robust, maintainable testing framework with reusable libraries using **Maven**, with libraries such as **TestNG, Cucumber, and Selenium WebDriver**.
* Writing and executing test cases using **Gherkin** within the **Behavior Driven Development (BDD)** framework, enhancing collaboration with developers and management. Utilizing **Cucumber** to facilitate test scenario management and improve readability.
* Utilizing the **Page Object Model** to maintain an organized and synchronized codebase.
* Performing **Functional**, **Regression**, and **Smoke** testing by Automating Test Cases using both **Java** and **Selenium WebDriver.**
* Generating **Test Coverage** and **Requirements Traceability Reports** using **Jira Xray Test Management** Tool.
* Engaging with **cross-functional teams** to perform root cause analyses on defects, adapting test cases to ensure prompt resolution of issues and improving overall system stability.
* Configuring and monitoring **CI/CD pipelines** using **Jenkins** and **GitHub Actions**, streamlining build and deployment processes for faster release cycles to automate **Smoke test** daily and **Regression test**.
* Addressing and **resolving intricate automation challenges**, bolstering system reliability, and enhancing the quality of delivered features.
* Employing **Aqua IDE’s AI-assisted** tools, including **Co-pilot GitHub**, to debug failing tests and enhance knowledge sharing among the team.
* Performed **Back-End Testing** using **Postman** tool for **API testing**.
* Conducting web and **mobile testing** with **Appium** and **Sauce Labs.**
* Using **Git** as a version control system and **GitHub** for managing repositories, collaborating on projects, and maintaining code integrity.
* Participating in **Agile Scrum** ceremonies such as **Daily Scrum**, **Sprint Planning**, **Sprint Demo**, and **Sprint Retrospective** meetings

**Client:** Canvas LMS  **Jan 2017 – Feb 2020**

**Automation QA Engineer**

* Provided **Manual** and **Test Automation** support using **Maven**, with libraries such as **TestNG, Cucumber, and Selenium WebDriver**. .
* Collaborated with developers, business analysts, and quality assurance professionals to understand application requirements and design appropriate test scenarios.
* Identified, documented, and tracked defects using **bug tracking tools**, and work closely with development teams to ensure timely resolution.
* Created and maintained **test plans**, **test cases,** and **test scripts**, ensuring proper coverage of mobile application.
* Maintained **Traceability Matrix** to track the requirements to the test cases to ensure complete test coverage.
* Executed **manual** test cases, **re-tested defects** and reviewed results of all tests.
* Developed and **executed automated test scripts** to enhance test efficiency and ensure robust application functionality.
* Conducted **API testing** using **Postman** tool for **API testing** and **SQL** for **Database Testing.**
* Performed defect retesting and **regression testing** to confirm issue resolution and maintain application stability.
* Collaborated with **cross-functional teams** to optimize testing strategies and improve overall software quality.

**Client:** Graybridge Malkam **Jan 2016 –Dec 2016**

**QA Analyst**

* Conducted **manual testing of web and mobile applications** to ensure they met the specific needs and requirements of the Graybridge Malkam's school management system
* Managed the entire **bug lifecycle** using **Jira**, including logging, tracking, and prioritizing issues related to the school management module, while ensuring timely resolution through effective communication with development teams
* Generated comprehensive **test reports** and dashboards using **Jira Xray**, offering actionable insights and visibility into test outcomes and defect status relevant to the school management system
* Developed and maintained **test cases** and **test plans** based on the requirements specifications of the school management module

Collaborated closely with developers, product managers, and other stakeholders to understand system requirements, identify issues, and facilitate their resolution

**LANGUAGES**

* English

Bilingual

* French

 Bilingual