

| QA Test Engineer

PROFESSIONAL SUMMARY

- A dynamic **Full Stack Software Development Engineer in Test (SDET)**, covering **UI, API and Database** with nearly 5years of experience in the **IT** industry.
- Experienced in **Software Development Life Cycle (SDLC), Testing (STLC) and Defect Life Cycle** within **Agile/Scrum** and **Waterfall Methodologies**.
- Comfortable with composing **Test Scenarios** and **Test Cases**.
- Advanced in performing **API Testing** using **REST Assured Java libraries** and utilise **Postman** for **Manual API Testing**.
- Successfully use **POJO, JSON** and **JSON Path** for API Testing.
- Utilise **Selenium WebDriver** and implement **Data-Driven** and **BDD (Cucumber)** built on **Page Object Model** using **Java**, supporting **Parallel Test** execution.
- Ability to design and develop **BDD Cucumber Test Automation Framework** from scratch by utilising **Java, REST Assured, Selenium WebDriver, Maven, Page Object, Model, JUnit** and **Gherkin language**, generated **JSON reports and recently with C#**.
- Experienced in **Database Testing** using **JDBC , Azure** and advanced in **SQL**.
- Advanced in locating **Web-based application elements** using **HTML/CSS locators**.
- Strong understanding of **HTML, XML, JSON, SQL, and Git** commands.
- Seamlessly perform **GUI, API, Database, Functional, Smoke, Regression, and Parallel Tests**.
- Experience in using **Jenkins** for **Continuous Integration**.
- Exemplary work ethics, strong communicational skills, positive attitude, cross-functional team member.
- Dedicated team player, knowledgeable and passionate about learning.

SKILLS

Automation Tools	REST Assured, Selenium, JDBC	Frameworks	BDD Cucumber
Languages	Java, C#, SQL, HTML, JSON, XML, Gherkin	Build Tool	Maven
Databases	PostgreSQL, Oracle, MySQL and Azure	Version Control	Git, GitHub and GitLab
Platforms IDEs	Windows, macOS, Android	Methodologies	Agile
IDEs	IntelliJ	Project Management	Jira , AzureDevops

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EXPERIENCE:

July 2023 - Present

QA test Engineer | S&P Global | Manchester

- Involved in writing and implementing **Test Cases, Test Scenarios** and **Test Scripts** in accordance with the Requirement Document.
- Performed **Smoke, Regression** and **Database Tests**.
- Created and automated **Positive** and **Negative Test Scenarios** to assure the quality of the Web-based application.
- Used **Git** as version control system and **Jira** for project management.
- Implemented **TestNG Testing Framework** using **Java, Selenium WebDriver, Page Object Model** Generated **Extent-Reports**.
- Performed **Automated** and **Manual API Tests** using **REST Assured** libraries and **Postman** and verified against the **UI** and **Database**.
- Set up and configured **Smoke** and **Regression Suites** as **Jenkins** jobs hosted on **AWS EC2** machine using **Selenium Grid**.
- Performed **Exploratory Manual Testing** on multiple browsers.
- Utilised **Selenium WebDriver** with **Java** in order to automate the **Smoke** and **Regression Suites** using **XML Runner**.
- Using **AzureDevops** for planning sprint, tasks, test cases, test plans... etc.

Technologies: Agile, Jira, JiraSafe, SQL, C#, TestNG, , Jira, Git, REST API, Postman, Swagger and (Python as self-learning).

November 2021 – July 2023

Automation Test Engineer | Auden | Manchester

- Actively involving in writing and implementing **Test Cases, Test Scenarios** and **Test Scripts** in accordance with the Requirement Document.
- Performed **Smoke, Regression** and **Database Tests**.
- Participated in **Scrum Ceremonies** such as **Grooming, Sprint Planning, Daily Stand-Up, Demo, Increment, PI** and **Retrospective Meetings**.
- Implemented **TestNG Testing Framework** using **Java, C#, Selenium WebDriver, Page Object Model** Generated **Extent-Reports**.
- Building automation framework from scratch using **Selenium, junit, testNG** and **cucumber**.
- Comfortably used **Object Oriented Programming (OOP) concepts** for Framework development.
- Performed **Automated** and **Manual API Tests** using **REST Assured** libraries and **Postman** and verified against the **UI** and **Database** by using **GET, POST, PATCH, PUT** and **DELETE** commands.
- Retrieved data from the Database using **Azure** and verified against the **UI**.
- Used **Git** as version control system and **Jira** for project management
- Generated failure reports using **Extent-Reports** with screenshots and raised bug tickets on **Jira**.

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Technologies: Agile, SQL, C#, TestNG, , Jira, Git, REST API, Postman and (Python as selflearning).

JANUARY 2020 – November 2021

SDET | Intabella | Tysons, VA, USA

Actively involved in **Scrum Ceremonies** and collaborated with the other team members to meet the **Sprint Stories'** requirements.

- Contributed to **Test Plan** creation.
- Created **Cucumber BDD Framework** by developing and implementing **Page Object Model** from scratch and utilised **Selenium WebDriver** with **Java**.
- Created and automated **Positive** and **Negative Test Scenarios** to assure the quality of the Web-based application.
- Building automation framework from scratch using Selenium, junit, testNG and cucumber.
- Proficiently identified Web elements based on the Test Scripts using **HTML** and **CSS locators**.
- Performed **Automated** and **Manual API Tests** using **REST Assured libraries** and **Postman** and verified against the **UI** and **Database**.
- Created Test Scenarios in **Gherkin language** and generated **Cucumber reports** with screenshots for the non-technical people to easily comprehend.
- As a cross-functional team member, provided **Functional Testing** on demand.
- Set up and configured **Smoke** and **Regression Suites** as **Jenkins** jobs hosted on **AWS EC2** machine using **Selenium Grid**.
- Performed **Exploratory Manual Testing** on multiple browsers.
- Comfortably used **Jira** for project management, kept track of the active sprint's **User Stories** under **point-based system** and reported the defects by raising **bug tickets**.
- Utilised **Git** for version control and **GitHub** for remote repository.

Technologies: Agile, Java, Maven, Selenium WebDriver, Cucumber, JUnit, IntelliJ, Jira, Git, Windows.

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APRIL 2019 - JANUARY 2020

Automation Test Engineer | HectorWare | Tysons, VA, USA

- Involved in writing and implementing **Test Cases, Test Scenarios** and **Test Scripts** in accordance with the Requirement Document.
- Performed **Smoke, Regression** and **Database Tests**.
- Participated in **Scrum Ceremonies** such as **Grooming, Sprint Planning, Daily Stand-Up, Demo** and **Retrospective Meetings**.
- Implemented **TestNG Testing Framework** using **Java, Selenium WebDriver, Page Object Model** Generated **Extent-Reports**.
- Comfortably used **Object Oriented Programming (OOP) concepts** for Framework development.

- Utilised **Selenium WebDriver** with **Java** in order to automate the **Smoke** and **Regression Suites** using **XML Runner**.
- Performed **Automated** and **Manual API Tests** using **REST Assured** libraries and **Postman** and verified against the **UI** and **Database** by using **GET, POST, PATCH, PUT** and **DELETE** commands.
- Retrieved data from the Database using **JDBC** and **SQL Queries** and verified against the **UI**.
- Used **Apache POI** for Excel files in order to perform **Data-Driven Testing**.
- Used **Git** as version control system and **Jira** for project management
- Generated failure reports using **Extent-Reports** with screenshots and raised bug tickets on **Jira**.

Technologies: Agile, Java, Selenium WebDriver, TestNG, Eclipse, Jira, Git, REST API, Postman JDBC, SQL, Windows.

NOVEMBER 2015 - MARCH 2019

Director of Program Study | EF Education First | Leeds, UK.

JANUARY 2009 - MARCH 2019

Staff | University of Leeds | Leeds, UK.

MAY 2004 - December 2008

Staff | Assiut University | Egypt.

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EDUCATION

JANUARY 2001 – APRIL 2004

PhD / University of Ain Shams, Egypt & University of Athens, Greece.

JANUARY 1997 – DECEMBER 2000

MA/ University of Ain Shams, Egypt.

SEPTEMBER 1992 – MAY 1995.

BA/ University of Ain Shams, Egypt.

LANGUAGES/ English, Arabic, French, Greek and Latin