Daniel Balan

Software Development Engineer in Test

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SUMMARY:

- Objective and goal oriented SDET with over 5 years of experience in IT, proficient in diverse testing methodologies. Knowledge gained in both manual and automated testing across all three layers of web based applications. Well balanced between technical and collaboration skills.
- Skilled in operating within **Agile** environment and adept at implementing **Scrum** ceremonies.
- **Java** is being used as a primary programming language with **IntelliJ IDE**.
- On a daily basis, the ability to conduct quality assurance trough **Smoke** Testing, **Regression** Testing, **Functional** Testing, and **Black Box** Testing is present, also using **Jira** as a bug tracking tool.
- Proficient in developing **Test Cases** and **Test Plans** that comply with **User Stories** and business requirements.
- Capable to identify **Web Elements** by writing locators such as **CSS** and **XPath**.
- Competent in implementation of **Cucumber Framework** with **Selenium WebDriver**, **Jenkins**, **Selenium GRID**, and **JUnit** build in **Maven** for achieving **parallel** and **cross-browser** testing.
- Good at various types of test automation Frameworks, including **Data Driven Framework** and **Behavior Driven Framework**, and implementing **Page Object Model Design Pattern** using **Java**, **JUnit**, **TestNG**, **REST Assured**, **Maven**, **Cucumber**, and **Selenium WebDriver**. Also experienced in leveraging **Jenkins** for **Continuous Integration** and **Continuous Delivery (CI/CD).**
- Proficient in developing feature files using **Gherkin** language with **Cucumber**.
- Adept in utilizing **Apache POI** for validation testing by reading **Excel** files.
- Hands-on experience using **AWS** to create **EC2 instances** for **parallel** and **cross-browser** testing.
- Skillful in control over **Alerts**, **Windows**, **Exceptions**, and **Iframes** in **web-applications**.
- Using **Get, Post, Put,** and **Delete** methods to perform **API** testing and **Postman** for verification **API** requests.
- Experienced in writing **Query** parameters for **Database testing validation** and creating **JDBC connectivity.**
- Well experienced in utilizing the **Oracle SQL developer** tool for performing manual database validation.
- Proficient in using **Git** and **GitHub** for version control system.

TECHNICAL SKILLS:

- **Languages**: Java, SQL, Gherkin.
- **Testing tools**: Selenium WebDriver, Cucumber, JUnit, TestNG, SQL developer, Postman, REST Assured, Apache POI, Jenkins, DBeaver.
- **Project building**: Maven.
- **Repository system**: Git, GitHub.
- **Methodology**: Agile Scrum, Kanban.
- **IDE**: IntelliJ.
- **Management tool**: Jira.

WORK EXPERIENCE:

Geico, Chevy Chase, MD   **April 2020 - Present**
SDET

- Involving in planning and analysis of user requirements, as well as upgrading **user stories** and **acceptance criteria**.
- Collaborating with both **develop** team and business team to fulfill product requirements.
- Creating and maintaining automation test framework within a **Maven build tool**, utilizing **Cucumber BDD**, **JUnit** and **Selenium WebDriver** for browser interaction.
- Good understanding of **Java OOP** concepts, **Data Structure** and handling **Exceptions** by creating reusable methods.
- Developing and implementing **Test Cases**, **Scenarios**, and **Test Scripts** in **Selenium** and **Java**, based on **User Requirements** and **System requirements**.

- Deploying automated test scripts across various automation frameworks, such as **Data-Driven Testing (DDT)** and **Behavior Driven Development (BDD)**, using **Page Object Model (POM).**
- Participated in **API** testing through the utilization of **REST Assured library** and **Postman** for manual execution.
- Used **Jenkins** to achieve Continuous Integration.
- Employed various locators to identify **Web Elements** located on the Web-Page.
- Utilized **Jira** as a management tool for organizing the Sprint board, which included scheduling, planning, running tests, and tracking defects.

ViaSat, Germantown, MD   **March 2018 – April 2020**
QA engineer
- Collaborates with developers to produce software deliverables such as **Test Plans**, **Test Cases**, **Test Procedures**, and **Test Reports**.
- Works with internal partners across functional areas within a structured **Agile environment**.
- Provides estimates for **testing tasks** and operates efficiently with minimal supervision, while demonstrating a positive team attitude.
- Conducted daily **Functional**, **Smoke**, and **Integration** testing.
- Participated in weekly meetings to discuss project progress and team development.
- Executed **manual database** validation tests using **SQL Developer**.
- Using **Postman** for **API** manual test execution.
- Produced and documented expected results for **positive** and **negative scenarios**, all in accordance with the business requirements.
- Started using **Java** as a main programing language to build automation framework based on **Maven**.
- Performed automation/manual **test executions,** maintained and analyzed the test results in order to identify the root cause of any test failure.

LANGUAGES
- English: fluent (speaking, reading, writing).
- Romanian: native.
- Russian: fluent (speaking, reading, writing).