Shape

Description automatically generated with low confidenceDMYTRO KOSTIUK

**Software Development Engineer in Test (SDET)**

CHICAGO, IL Zip code 60622

+1 (773) 956-9543 # dmytrokostiuk1@gmail.com # linkedin.com/in/dmkostiuk

# Professional summary

* Software Development Engineer in Test (**SDET**) with **5+** years of experience in **Manual** and **Automation** testing both for front end and back end of web and mobile applications.
* Hands-on experience in working in **Agile/Scrum** methodology.
* Comprehension in writing clear, concise, comprehensive and well-structured **test cases**.
* Hands-on experience in building **BDD (Behavior Driven Development)** framework with **Page Object Model (POM)** design pattern using **Java, Selenium WebDriver, Cucumber with JUnit,** and **Maven** as a build tool.
* Experience in UI testing for both Web-Application and Mobile application using Java with **Selenium WebDriver** and **Appium.**
* Experience in automation Android applications using Android Studio for emulator and Appium.
* Hands-on experience in **testing back-end Rest API** calls using **POSTMAN** and **rest-assured java library** for automation, and validated json responses with database and UI data.
* Performed Database testing by writing **MongoDB,** **SQL queries** to trigger the data from database and performed automation using **JDBC (Java Database Connectivity**) driver and **MongoDB** driver to connect database.
* Solid understanding of Relational Database Design, proficient in writing SQL queries for further performing Back-end testing for Database and Rest API of application.
* Configured Maven **pom.xml** file with dependencies and plugins for automation purposes
* Extensive experience in configuring continuous integration tool **Jenkins** to run my smoke and regression test cases.
* Hands-on experience on project management tools like JIRA and Confluence.
* Performed **front end testing**, **back-end testing**, **regression** testing, **functional** testing, and **user acceptance testing (UAT)**.
* Participated in User Story Analysis and prepared Test Cases based on Definition of Done.
* Documented **reports** on test analysis result and facilitated presentations to stakeholders.
* Excellent communication skill to interact and track record of delivering reports.
* Excellent **quick learning** skills regarding new tools, techniques, approaches, and concepts.

# Experience

Sr. QA Engineer (SDET)

**Hub Group, Chicago IL**  August 2021 – Present

* **Sr. QA** responsibilities including managing **Deployment(release) process**, **GIT** activities and branching strategies. Providing best QA practices, onboarding new QA team members.
* Actively participated in **Agile Scrum** environment ceremonies like **sprint** **grooming**, **planning**, **retrospective**, **sprint** **demo** and **daily** **stand**-**up** meetings.
* Implemented **BDD approach and Cucumber BDD Automation Framework**.
* Actively educated team, providing KT sessions regarding **BDD, Cucumber and Gherkin** lang.
* Designed and Developed a **Cucumber BDD** automation framework. **UI** with **Selenium**, **API** with **Rest-Assured**, **Back-end** with **MongoDB** libraries, testing with **JUnit**, **Cucumber** (**Gherkin**) and **Maven** for built tool followed **Page Object Model Design** **Pattern.**
* Performed automation testing **using Java, Selenium WebDriver, Cucumber, JUnit, MongoDB, Rest-Assured API** using custom build **Katalon** studio framework and **Maven build** framework.
* Wrote **MongoDB queries** in **NoSQL Booster** for manual database test.
* Used **MongoDB driver** to connect database to automation script.
* Automated front end (UI) for web application.
* Actively participated on improvement of testing approaches and test strategy. Managing **regression test suite, tracking defects**, closing bugs.
* Maintained the code by using **GITHUB** version controlfor the future release and new features.
* Performed extensive Manual Testing and validated **database** according to business requirements to validate application functionality and retrieved data with complex **MongoDB queries.**
* Worked on distributing test automation execution on different environments like **QA**, **UA** and **Production**.
* Conducted **Smoke** and **Regression Tests** and interacted with developers to report defects.
* Reviewed user requirement specification, functional specifications of the application, designed and developed Test Cases, Test Scenarios, Test Scripts.
* Analyzed the Business Requirements and Developed the Detail Test Plan and the **Test Strategy.**
* Extensively used **Selenium** locators like **XPath, CSS, ID,** **Text** selectors to test the web application.
* Utilized Maven to manage dependencies for Test execution, plug-ins and created profiles of grouped test cases to run **Regression** and **Smoke** tests.
* Designed Manual and Automated Tests, created Automated Test Cases, **Test Plans** and executed tests using Selenium.
* Worked with DevOps team to set up **Jenkins** pipeline, created jobs in **Jenkins** and **Repositories** in **Git.**

Software Development Engineer in Test

**Peapod Digital Labs, Chicago IL**  August 2020 – August 2021

* Actively participated in **Agile Scrum** environment ceremonies like **sprint** **grooming**, **planning**, **retrospective**, **sprint** **demo** and **daily** **stand**-**up** meetings.
* Performed automation testing **using Java, Selenium WebDriver, Cucumber, JUnit, JDBC, Rest-Assured API** testing **library** and **Maven** as built tool.
* Executed Rest API testing using **POSTMAN** and **Swagger** for manual testing purposes and **Rest Assured** library for automation.
* Used **Serialization, Deserialization** scripts for **POJO classes** to convert jsonto pojo and pojo to json for API testing purposes.
* Performed UI testing for both Web-Application and Mobile application using Java with **Selenium WebDriver** and **Appium.**
* Wrote **SQL queries** in **pgAdmin** for manual database test.
* Used **JDBC (Java Database Connectivity)** driver to connect database to automation script.
* Automated front end (UI) for web application.
* Actively participated on improvement of testing approaches and test strategy. Analyzed regression suite failures, reported and retested bugs.
* Maintained the code by using **version control BitBucket** for the future release and new features.
* Performed extensive Manual Testing and validated **database** according to business requirements to validate application functionality and retrieved data with complex **SQL queries.**
* Worked on distributing test automation execution on different environment as part of **Continuous Integration Process** using **Jenkins.**
* Responsible for testing the application against different environments like **QA**, **Staging** and **Production**.
* Developed and maintained **Behavior Driven Development (BDD) framework** creating and using **Cucumber** features, scenarios in **Gherkin** language and Step definitions, and executed scenarios using Cucumber tags in Runner class under **Java** platform.
* Conducted **Smoke** and **Regression Tests** and interacted with developers to report defects.
* Participated in use-case reviews (**peer**-**review**) and reviewed **test cases** in Jira.
* Reviewed user requirement specification, functional specifications of the application, designed and developed Test Cases, Test Scenarios, Test Scripts.
* Analyzed user requirements, attended Change Request meetings to document changes and implemented procedures to test changes.

**Quality Assurance Digital Tester**

ABC Supply Co. Inc. September 2018–August 2020

* Analyzed the Business Requirements and Developed the Detail Test Plan and the **Test Strategy.**
* Designed and Developed a **Cucumber BDD** automation framework. **UI** with **Selenium**, **API** with **Rest-Assured**, **Back-end** with **JDBC** libraries, testing with **JUnit**, **Cucumber** (**Gherkin**) and **Maven** for built tool followed by **Page Object Model.**
* Extensively used **Selenium** locators like **XPath, CSS, ID,** **Text** selectors to test the web application.
* Utilized Maven to manage dependencies for Test execution, plug-ins and created profiles of grouped test cases to run **Regression** and **Smoke** tests.
* Used runner classes in Cucumber to generate **Step Definition** and used tags to run different kinds of test suites like **Smoke** and **Regression.**
* Creating profiles in **Maven** to launch specific **JUnit** tests from **Jenkins**.
* Participated in daily **stand-ups, Sprint Planning, Sprint Grooming, Sprint Retrospective meetings** and **review sessions.**
* Involved in resolving the technical challenges, efforts estimation and Test Planning.
* Designed Manual and Automated Tests, created Automated Test Cases, **Test Plans** and executed tests using Selenium.
* Developed and maintained **Behavior Driven Development (BDD) framework** creating and using **Cucumber** features, scenarios in **Gherkin** language and Step definitions, and executed scenarios using Cucumber tags in Runner class under **Java** platform.
* Performed Web Service API testing using Rest Assured java library for **automation.**
* Performed Data Driven testing using **Microsoft Excel** with **Apache POI java library** to test functionalities with different sets of data.
* Involved in the Defect Review Meetings, build meetings and release meetings to resolve the outstanding issues.
* Worked with DevOps team to set up **Jenkins** pipeline, created jobs in **Jenkins** and **Repositories** in **Git.**
* Developed and implemented Objects using **Page Object Model Design** **Pattern** and **Selenium WebDriver API.**
* Developed reusable methods using Java and implemented new libraries to a framework.
* Executed **database testing** by writing and passing **SQL queries** along with **JDBC**.
* Created informative confluence pages for new features and presented on QE review meetings.

Quality Assurance Engineer

TransUnion, Chicago IL November 2016 - September 2018

* Worked on an **Agile development environment** – consisting of many iterative releases with extensive celebrations between the DEV, QAs and the BAs.
* Conducted weekly status meetings and defect review meetings with test team.  
  Reported periodic project status and updates to the QA Manager.
* Performed **RESTful API** testing by **Rest-Assured** library in Java as well as using API tool as **Postman**.
* Designed, developed and implemented automation testing framework utilizing **Java**, **TestNG** and **Selenium WebDriver**.
* Performed parameterization of the automated test scripts in to check how the application performs against multiple sets of data contributed in **IntelliJ** developing **Automation Framework** that uses **Java, Selenium WebDriver, TestNG, Gradle.**
* Performed **Functional**, **Regression**, **Smoke** testing using **Selenium WebDriver**, **TestNG**, **Maven** for web-based applications.
* Created **Android** test frameworks based on **APPIUM**, **Cucumber** and **Java** for mobile application.
* Participate in **Jenkins** set up.
* Performed mobile testing for **Android devices** using **Appium** and **Android Studio** for emulator purposes and tested on real mobile devices.
* Developed **SQL** **queries** to retrieve data from the tables in the database to perform **Back-end testing.**
* Identified, analyzed and recommended additional testing requirements on specific features.
* Created detailed Test Cases in **JIRA** based on business requirements, data models, technical specifications and linked them to the appropriate requirements.

# technical skills

Testing tools: Selenium, Rest Assured, Appium, JUnit, TestNG, Cucumber, Postman, JDBC, MongoDB

Programming languages: Java, SQL, Mongo, Groovy, XML, HTML

Project Management Tools: JIRA, Confluence, Slack, Teams, Outlook

Project Build Tools: Maven, Gradle

CI/CD Tool: Jenkins, TeamCity, TestOps

Databases: Oracle, pgAdmin, MySQL, MongoDB, NoSQLBooster

Version Control: Bitbucket, Github, GitLab

Operating Systems: Microsoft Windows, Mac OS

**Methodologies:** Agile

**Education:**

Kharkiv Petro Vasylenko National Technical University of Agriculture.

**Master's degree in Automatization and computer-integrated technologies.**