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**QA AUTOMATION ENGINEER**

**PROFILE:**

* 5 years of experience in Agile test automation with Data Driven and Keyword Driven testing frameworks using Maven project with Java, TestNG, AssertJ, Allure Report and using Jenkins pipeline as an orchestrator.
* Experience in migrating a test framework to BDD style and using Cucumber in production for 2 years.
* 3 years of experience in Rest API testing using Postman and REST-assured library.
* 6 years of experience with relational DBMS and OLAP cubes in Waterfall and Scrum models.
* Total work experience in IT 10 years, developed business logic scripts for Oracle product, performed data validation testing, UI functional and REST API testing for various projects.
* Profound knowledge of Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and Error Life Cycle.
* Accurate understanding of user stories, product requirements and functional specifications.
* Develop solid documentation including test plans, test cases, test suites, traceability matrices.
* Create clear and easily reproducible/understandable bug reports for developers/architects using the full power of issue tracking software.
* Hands-on experience with smoke, sanity, acceptance, regression, feature-based, Rest API and other types of testing, using various automation tools and following the Page Object Model design pattern in functional UI testing where appropriate.
* Perform cross browser and cross platform compatibility testing using Selenium Grid and Selenoid.
* Self-learner and can quickly go through manuals on new tools and search for best practices in the network, adapt or modernize and implement into a project.
* Can properly work under pressure and deadlines. Team Player.

**TECHNICAL SKILLS:**

**OS:** Windows NT, Unix-like (macOS, AIX), GNU/Linux (Ubuntu, Fedora).

**DBMS:** Oracle 12c, MySQL 8.0, PostgreSQL 11, Teradata 15.0, Oracle Hyperion Essbase 11.1.

**Web Server:** WebLogic, Nginx, Tomcat, IIS.

**Programming:** Java, JavaScript.

**Query:** SQL, PL/SQL, MDX, MaxL DDL, Essbase Calc Script.

**WEB:** HTML, CSS, JS, XPath/CSS locators, HTTP, XML, JSON, REST API.

**IDE:** IntelliJ IDEA, DataGrip, Oracle SQL Developer, PL/SQL Developer, Navicat Data Modeler.

**Testing Tools:** Maven, Selenium WebDriver, Cucumber, Junit, TestNG, AssertJ, Allure, Chrome DevTools, ChroPath, Lighthouse, Charles Proxy, Selenium Grid, Selenoid, SQLMap.

**API Tools:** Postman, Interceptor, Newman, REST-assured library, Swagger.

**ETL Tools:** Oracle Data Integrator, Talend Open Studio.

**Virtual:** VirtualBox, VMware Workstation.

**CI/CD:** Jenkins, CircleCI.

**Control Tools:** TortoiseSVN, GitKraken, GitHub.

**Management:** Jira, Xray for Jira, Bugzilla, Confluence.

**WORK EXPERIENCE:**

**QA Automation Engineer, EGAR Global, New York, NY**October 2019 – present

* Member of Agile team with 3-week Sprint, attended daily Stand Up, Sprint Planning, other ceremonies.
* Implemented a new BDD-style (Cucumber) test automation framework.
* Reviewed legacy test scripts and migrated to the new test framework following POM patterns.
* Organized test data from different data sources (DB, flat files, .xml, .yml), deployed a DB schema, normalized it to 3NF, mapped test data, developed ETL scripts, created SQL statements.
* Deployed Selenium Grid for parallel execution across different browsers. Later migrated to Selenoid.
* Redeveloped of REST API testing, replaced Postman collections with a REST-assured library.
* Implemented an AssertJ library and refactored every assertion.
* Maintained existing scripts and developed new automation scripts for novel features.
* Fixed flaky tests using explicit wait.
* Reviewed false positive tests.
* Parsed .yml for test data using the SnakeYAML library.
* Increased automation test coverage by 20% to 80% (from 1100 tests to 1500 out of 1900 total tests).
* Maintained QA documentation in Confluence.

**EPM Consultant, DATAS Technology** (till 01/01/2015 operated under the name EGAR Technology Ukraine) **Kyiv, Ukraine**June 2012 – October 2019

* Was primarily focused on technical aspects in Oracle Planning and Essbase for various projects.
* Analyzed existing OLTP and DWH schemas on Prod environment using SQL Developer and DataGrip.
* Created and deployed dimensions and metadata for Essbase (OLAP) on Dev.
* Implemented business logic using MDX and Calc Script for BSO cubes in Essbase on Dev.
* Developed Java methods for custom-defined functions in Essbase.
* Participated in creation of Business System Testing documents using Oracle AIM templates.
* Prepared QA/UAT environment for testing.
* Participated in creation of test cases, test suites, test data.
* Automated test scripts using Selenium WebDriver and TestNG for UI functional testing.
* Developed RPA in-house framework using WebDriver for task automation in WEB application.
* Created data mapping sheets based on migration requirements.
* Performed data validation using ETL tool for a migration project to a new DB vendor.

**Business Analyst, Analytics department, Metro AG (Cash and Carry), Kyiv, Ukraine**July 2010 – September 2011

* Gathered business volumes and metrics using SQL, VBA, PivotTable (Excel).
* Prepared daily basis reports on consolidated data for mid-level management.
* Participated in implementation and support of Teradata data analytics tools.

**EDUCATION, TRAINING & CERTIFICATION:**

2019 – 2021 Certificate Program in Software Development, UC Berkeley Extension, Berkeley, California

2013 – 2013 Hyperion Planning/Essbase 11.1.2 Bootcamps, Oracle University, Redwood City, USA

2011 – 2013 M.A. in Business Economics, Taras Shevchenko National University of Kyiv, Ukraine

2006 – 2010 B.A. in Business Economics, Institute of Economics and Information Technologies, Ukraine