Dmytro Litvinov

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SUMMARY

QA Engineer with a strong manual testing foundation and applied automation experience. Experienced in testing web and data-driven systems, including API, integration, and regression testing. Hands-on experience with Playwright (Python), API automation, SQL data validation, and Agile teams. Focused on improving release stability, test coverage, and overall product quality through a balanced manual and automated testing approach.

SKILLS

• **QA & Testing:** Manual QA, Test Automation, Test Case Design, Defect Life Cycle, Functional Testing, Regression Testing, Integration Testing, API Testing, UAT, Performance Testing, Security Testing (basic).
• **Automation & Programming:** Python, pytest, Playwright, UI Automation, API Automation, SQL, Basic Java.
• **Databases:** PostgreSQL, MongoDB.
• **APIs & Messaging:** REST API, SOAP API, JSON, Postman, Kafka, RabbitMQ.
• **Tools:** Jira, TestIT, Allure, Git, Browser DevTools.
• **Methodologies:** Agile, Scrum, Kanban.
• **Other:** Test Documentation, Bug Tracking, Data Validation.

EXPERIENCE

Internship – QA Tester
Skill Squirrel, Canada | June 2024 – Aug 2024
Activities & Responsibilities:
- Conducted manual testing of an HR web application.
- Executed test cases and reported defects using a bug-tracking system.
- Assisted in creating and updating test cases and QA documentation.
- Performed basic UI and exploratory testing.
- Collaborated with developers to clarify requirements and verify fixes.

QA Engineer (Manual + Automation)
Blue Star Consulting, US | June 2022 – June 2024
Responsibilities & Achievements:
- Performed end-to-end QA for a commercial real estate analytics platform (market analysis, asset valuation, underwriting).
- Executed manual functional, regression, and exploratory testing of financial logic (cash flow, IRR, ROI, sensitivity analysis).
- Designed and implemented automated UI and API tests using Playwright (Python) and pytest.
- Applied a 60/40 Manual vs Automation testing strategy across UI and API layers.
- Automated critical regression scenarios, reducing regression testing time by ~40%.
- Validated backend data and calculations for accuracy and consistency.
- Identified and reported high-severity defects in business logic and data processing.
- Collaborated closely with consultants and developers to validate business requirements before client releases.
Tech stack: Playwright, Python, pytest, REST APIs, SQL, Git, Jira

Middle Software Tester (Manual Testing)
Global Verasels LTD, UK | December 2021 – June 2022
Responsibilities & Achievements:
- Analyzed business and technical requirements and designed test cases and scenarios.
- Executed functional, regression, integration, acceptance, and end-to-end testing.
- Tested microservices-based systems (REST, Kafka, RabbitMQ).
- Performed UI/UX testing and validated backend data using PostgreSQL and MongoDB.
- Logged, tracked, and verified defects using Jira.
- Worked in Agile environments (Scrum, Kanban) with regular production releases.

- Localized over 90% of defects using logs and Browser DevTools.

Tech stack: Jira, Confluence, PostgreSQL, MongoDB, Kafka, RabbitMQ, REST, SOAP, DevTools

Software Tester (Manual Testing)
Force Develop, Ukraine | October 2020 – November 2021
Responsibilities & Achievements:
- Performed manual testing of web applications (frontend & backend).
- Designed test cases and analyzed requirements.
- Conducted API testing using Postman and Swagger.
- Validated backend logic using PostgreSQL.
- Worked in Scrum with two-week sprints.

Tech stack: Postman, Swagger, PostgreSQL, Jira, DevTools

PROJECTS

Playwright UI Automation (Python)
- Designed and implemented UI automation tests using Playwright and pytest.
- Automated critical user flows for smoke and regression testing.
- Applied Page Object Model, reusable fixtures, and stable selectors.
- Focused on reliability and maintainability to reduce flaky tests.

API Automation Framework
- Built API test coverage using Python and pytest.
- Validated REST API responses, status codes, error handling, and business logic.
- Performed backend data validation using SQL.
- Designed tests to support regression and integration testing.

Manual QA Documentation
- Created comprehensive test plans, test cases, bug reports, and traceability matrices.
- Applied test design techniques: equivalence partitioning, boundary value analysis, error guessing.
- Simulated real-world QA processes aligned with Agile delivery.

Data Pipeline Testing Project (In Progress)
- Designing data quality tests for completeness, validity, uniqueness, and freshness.
- Implementing data validation using Python (Pandas).
- Focused on QA practices for ETL pipelines and data-driven systems.

EDUCATION

Seneca College, Toronto, Canada
Postgraduate Certificate – Database Application Development, *Aug 2025*
- GPA: **4.0 / 4.0**, President's Honor List

Seneca College, Toronto, Canada
Postgraduate Certificate – Project Management (Information Technology), *Aug 2024*
- GPA: **3.8 / 4.0**

Taras Shevchenko National University of Kyiv, Ukraine
Bachelor of Economics, *Jul 2023*
- GPA: **3.6 / 4.0**

ACTIVITIES & AWARDS

- **CELPIP General (2025):** Overall Score 9.0
- **Hack the Brain Hackathon (2025):** 4th place out of 35 teams – AI-powered open-source platform for climate disaster prediction
- **Seneca Hackathon (2025):** Finalist – AI-driven nutrition application