Tomasz Dworowy

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LinkedIn
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Software tester, adherent of the context driven testing school. I have written automation using Cypress, Playwright and Selenium, I'm programming in Python, TypeScript and JavaScript and I'm currently learning Rust and Go. Professionally I'm interested in DevOps, penetration testing and programming, personally in philosophy and history.

Personal projects:

https://github.com/tdworowy/DeepLearningStaff <- attempt (more of less failed) to create web frontend to keras. Written using react, flask. Tested with pytest (unit and api test) and behave with selenium (front end).

https://github.com/tdworowy/cellular_automata <- examples of 1D and 2D cellular automata written in python, javascript and rust.

https://github.com/tdworowy/PerformancePlayground <- a few examples of using different tools for performance testing.

https://github.com/tdworowy/chess <- checkers implemented in vue.js, tested with playwright, i'm planning to write backend in rust and add AI and latter turn it in full-fledged chess.

https://github.com/tdworowy/genetic_algorithms <- a simple genetic algorithm implementation inspired by example from book Complexity: A Guided Tour by Melanie Mitchell. Written in python and rust

Company: FLYR Labs

Time span: June 2021 - January 2024
Position: Software Engineer in Test

Project:

Cirrus Revenue Operating System - revenue management and forecasting system for airlines.

Responsibilitie

- Testing (WEB UI)
- E2E Test automation (Cypress)
- Data validation (Python)
- Conducting SEITs job interviews

Tools used: Python, pytest, Cypress, Playwright, sql, google bigquery, docker
Project Management Methodology: Scrum.

Company: Sii

Time span: June 2019 - June 2021
Position: Test Development Engineer

Client: Roche

Time span: December 2020 - June 2021

Project:

Data pipeline - goal of project was to prepare data pipeline from salesforce to AWS S3 bucket and transformation of data to made it ready to use in ThoughtSpot.

Responsibilities:

- Testing (SQL)
- Test automation (Python)

Tools used: Python, SQL, AWS glue, AWS Athena.
Project Management Methodology: Scrum.

Client: ING Tech Poland

Time span: May 2020 - September 2020

Project: Credit cards back-office application.

Responsibilities:

- Test automation (Java)
- Testing (GUI, API and data base)

Tools used: Java, Oracle SQL Developer, Postman.
Project Management Methodology: Scrum.

Client: Grand parade (William Hill)

Time span: October 2019 to March 2020

Project: Data ingestion – goal of project was to prepare data pipeline from mssql, through S3 bucket, to Snowflake database. Pipeline was prepare using Airflow and NiFi.

Responsibilities:

- Test automation (Python and Pytest)
- Test case design
- Testing
- Development support

Tools used: Python, Pytest, Snowflake, Airflow, Nifi, SQL, Jira, Git, Docker
Project Management Methodology: Scrum.

Client: ABB

Time span: July 2019 to September 2019

Project: ServIS 2.0 Proof of technology - goal of project was to test performance of mssql data base (and simple REST api) located in Azure cloud.

Responsibilities:

- REST api functional testing using Postman
- Data base performance testing using Jmeter
- REST api performance testing using Jmeter
- Preparation of reports using Power BI and Excel

Tools used: Jmeter, Power BI, Postman, Azure, SQL
Project Management Methodology: Scrum.

Company: Rockwell Automation

Time span: September 2017 – April 2019
Position: Software Test Engineer

Project: Emulate - Industrial controller emulator, goal of project was to re-use part of industrial controller firmware to prepare emulator for windows 10. Product should be able to emulate multiple controllers as well as communication between them.

Responsibilities:

- Functional testing
- Test automation (Python)
- Development of Python API (via NATS) of emulated controller
- Python and C# unit tests
- Tech spikes and documentation
- Jenkins pipeline configuration and maintenance

Tools used: Python, C#, C++, Git, Docker, Jenkins, IBM RQM, google protobuf, NATS message broker.
Project Management Methodology: Scrum and SAFe.

Company: Alan Systems

Time span: December 2013 - September 2017
Position: Software Tester

Projects: ATMS Watch (12.2013 – 12.2014) - Web time tracking application use to track working time, including time shift, vacations, sick leave etc.
CREAM (12.2014 – 09.2017) - Customer relationship management web application use to create and coordinate marketing campaigns and to manage customers and products base.

Responsibilities:

- Functional exploratory testing
- Test automation written in Java using selenium webdriver and JUnit
- Automation of rest API tests written in Java
- Performance and load tests using Jmeter and Java framework

Tools used: Selenium webdriver, Jmeter, Docker, Jenkins, Git, Jira, TestLink, SQL.
Project Management Methodology: Scrum.

Education

University of Economics in Katowice

- Time span: 2015 – 2018
- The Faculty: Informatics
- Level of education: master
- Specialization: Analysis of large data sets
- Master thesis topic: *Methods, techniques and tools for automated testing in the software development process*

University of Economics in Katowice

- Time span: 2010 – 2013
- The Faculty: Informatics
- level of education: bachelor
- Specialization: Databases and data warehouses
- Bachelor thesis topic: *Suggestions for the use of artificial neural networks in the classification of bonds*

Courses

- ISTQB Foundation Level, certificate: 57418
- Machine Learning, Coursera, certificate: R4LDP4UJKNW5
- Ancient Philosophy: Aristotle and His Successors, Coursera, certificate: SJH4XTG8ZC89
- Kubernetes Essentials, Linux Academy, certificate: 194408
- Implementing a Full CI/CD Pipeline, Linux Academy, certificate: 197992
- Learning Full-Stack JavaScript Development: MongoDB, Node, and React, Linkedin
- Introduction to Discrete Mathematics for Computer Science (specialization), Coursera, certificate: SB2ADSZH9GXJ
- Introduction to Complexity, Santa Fe Institute(complexityexplorer.org), certificate:226951170
- Data Science(specialization), Coursera, certificate: TDQ6CJ9NT7ZX