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Position: Test Automation Engineer **Address:** Długa 27/82, Tarnów

PROJECTS

RoleFolio

↑ Reduced the time needed to create a shareable technical portfolio from days to under an hour.

Rolefolio — AI-assisted portfolio and CV platform

Built a Django-based platform for creating public professional profiles, generating CV exports, and letting recruiters ask questions through a profile-aware AI assistant.

Problem:

Traditional CVs are static and fail to show projects, impact, and context.

Solution:

Created a structured portfolio builder with projects, skills, work history, CV export, and AI-powered Q&A.

Published: June 3, 2026

python

cline

django

langchain

rag

SEE Electrical Expert

↑ Implemented a solution to gain dump files from test runs using ProcDump.

I was testing a CAD-type software for electrical schematics. I learned a lot in this project about how to integrate different technologies and tools to get what I want.

Published: Oct. 22, 2024

adaptability

visual studio code

powershell

jenkins

git

testcomplete

azure

python

SCANIA/MAN Project

As a tester at Aptiv, I was testing radars for trucks using Vector software and hardware for testing.

Published: Oct. 22, 2024

capl

canoe

plastic scm

polarion

python

Travelling salesman problem

This is an implementation of the algorithm solving the **Travelling Salesman Problem** in C++ described in the book "Operational Research: Selected Methods and Algorithms, Part I" written by Prof. Ph.D. B. Filipowicz. It was a group project in the professor's class.

<https://wydawnictwa.pwsztar.edu.pl/b-filipowicz-badania-operacyjne-wybrane-metody-i-algorytmy-cz-i-wyd-iv-tarnow-2018/>

Published: May 18, 2024

c++

algorithms

NeonLab

NeonLab project: an animation for a tool that crafts personalized LED signs, utilizing **3D** and **Blender** for animation.

- Project technologies: **3D**, **Blender**, **animation**

- Visit: <https://neonlab.app/>

Published: May 18, 2024

3d

blender

animation

Donuts

Donuts Project

The **Donuts** project utilizes **3D** modeling and **animation** in **Blender**.

- Create a donut model
- Animate the donuts
- Test **Blender** capabilities with the donut animations

Published: May 18, 2024

3d

blender

animation

Diablo Gems

I created a 3D model of Diablo Gems.

Published: May 18, 2024

3d

inventor

SCARA robot

This project was developed as part of my engineering thesis defense. All element was designed in Autodesk Inventor software and printed on 3D printer.

For hardware I use mikrokontroler STM32 to program the behavior of the robot.

For the controlling I program a GUI interface in Matlab and use UART for the communication between the GUI and the robot.

All details with the code, models, and schematics are available on my GitHub repo.

Published: May 18, 2024

STM32

3D

C++

Inventor

Matlab

SKILLS

Inventor (Intermediate, 1 yr)

Blender (Beginner, 1 yr)

C (Intermediate, 3 yr)

Java Script (Intermediate, 1 yr)

Git (Intermediate, 4 yr)

3D modeling (Intermediate, 1 yr)

English (Advanced, 5 yr)

Polish (Expert, 26 yr)

C++ (Intermediate, 2 yr)

Problem Solving (Hard to tell, 17 yr)

Adaptability and flexibility (Hard to tell, 26 yr)

SolidWorks (Hard to tell, 0 yr)

Plastic SCM (Hard to tell, 2 yr)

HTML (Hard to tell, 0 yr)

GitHub (Intermediate, 2 yr)

Fusion 360 (Intermediate, 0 yr)

3D Printing (Beginner, 0 yr)

Behave (Intermediate, 1 yr)

Docker (Beginner, 1 yr)

OpenHTF (Beginner, 1 yr)

Python (Advanced, 3 yr)

WORK EXPERIENCE

IT&V Intern

Aptiv

07.2022 — 07.2023 • Kraków, Małopolska. PL

Project Phases

- Project introduction
- **Key Analysis:** requirements and reports
- Tests execution

Recent Updates

- Improved script for **report validation** using Python, XML, and HTML
- Refactored **test libraries** for better efficiency

Test Automation Engineer

IGE+XAO

06.2024 — 03.2025 • Tarnów, Małopolska. PL

Technical Expertise

- **Test Scenario Development:** Design and creation of comprehensive test scenarios to ensure thorough coverage of software applications
- **Automated Testing:** Development of automated tests to streamline the testing process and reduce manual effort
- **CI/CD Pipeline Management:** Execution and management of pipelines in **Jenkins** to facilitate continuous integration and delivery
- **Log Analysis:** In-depth analysis of **Jenkins** and **TestComplete** logs to identify and troubleshoot issues
- **Defect Reporting:** Identification and reporting of bugs in **ProjeQtOr** to ensure prompt resolution and improvement of software quality
- **Collaboration and Communication:** Active participation in team meetings and provision of regular progress updates to ensure transparency and alignment with project goals
- **Test Maintenance:** Ongoing maintenance and refinement of tests to ensure they remain relevant and effective
- **Scripting:** Development of **PowerShell** scripts to automate tasks and improve efficiency

Achievements in Test Automation and Process Improvement

- **Spearheaded** the development of a solution to capture full memory dumps during automated tests, **overcoming** TestComplete limitations and **enhancing** crash analysis capabilities.
- **Championed** process improvements by **identifying** and **challenging** inefficiencies, **proposing** targeted enhancements that **boosted** overall productivity and testing efficiency by **streamlining** workflows and **optimizing** resource allocation.

Automation Test Engineer

Aptiv

07.2023 — 03.2024 • Kraków, Małopolska. PL

Technical Skills and Experience

- **Test Case Development and Execution:** Created and executed comprehensive test cases to ensure thorough evaluation of systems and applications.
- **Automated Reporting:** Maintained a Python script for automated report checking, streamlining the process and reducing manual effort.
- **Test Result Documentation:** Recorded test results and created detailed logs, providing a clear record of testing outcomes.
- **Defect Tracking:** Utilized **Jira** to report and track bugs, facilitating efficient issue management and resolution.
- **Collaboration and Communication:** Participated in regular meetings via **MS Teams**, ensuring effective team coordination and information sharing.
- **Requirements Review:** Conducted thorough reviews of requirements, verifying that they align with project goals and objectives.

Achievements in Software Development and Testing

- **Transformed** CANoe simulation by refactoring power management libraries, resulting in **enhanced** GUI panels
- **Developed** a custom search algorithm in C/CAPL, **optimizing** search functionality
- **Automated** the import of requirements from a database using Python, Pandas, Polarion, and Apache Lucene, **reducing** manual effort by **streamlining** the process
- **Designed** and **implemented** the PolarionHandler class, **leveraging** the Polarion SDK to **improve** automation with Python and the Polarion Web Services API, **increasing** efficiency by **25%**
- **Configured** and **delivered** three test benches for future testing using HIL and Vector VT System, **enabling** comprehensive testing and **ensuring 100%** readiness for future test cycles

Test Automation Engineer

InPost

04.2025 — present • Kraków, Małopolska. PL

Professional Experience

Key Achievement: On April 1, 2025, I **founded my own business** and secured a contract with Antal to deliver **comprehensive testing services** for InPost, assuming responsibility for **quality assurance** across multiple projects.

Technical Expertise

- **Hardware Testing:** Utilized expertise in testing and validating hardware components to ensure optimal performance and functionality.
- **Firmware Testing:** Conducted thorough testing of firmware to identify and resolve issues, ensuring seamless integration with hardware components.
- **Automated Testing:** Designed and developed **automated tests** to streamline the testing process, reducing manual effort and increasing efficiency.
- **Test Tool Development:** Created **custom tools and scripts** to facilitate testing, improving test coverage and reducing test cycle time.

Achievements in AI Hackathon

- **Spearheaded** the development of a winning project in an AI hackathon organized by InPost and Google, leveraging Google SDK to create innovative agents.
- **Designed** and **implemented** a monitoring agent that **extracted** logs from canary release machines, **generated** comprehensive reports, and **issued** timely notifications, resulting in a **successful** project that outperformed competitors.
- **Utilized** Google SDK to **drive** the creation of a cutting-edge monitoring agent, **demonstrating** technical expertise and **yielding a tangible** outcome: the winning project.
- **Delivered** a fully functional monitoring agent that **enhanced** log analysis and **streamlined** notification processes, **showcasing** the potential for **significant** improvements in system monitoring and **error** detection.

EDUCATION

Bachelor of Science — Automation and Robotics

University of Applied Sciences in Tarnow

2018 — 2022 • Tarnów

Finished my Bachelor of Science,
Create a DIY SCARA robot

No Degree — Computer Science

University of Applied Sciences in Tarnow

2022 — 2023 • Tarnow

Algorithm solving the traveling salesman problem in C++,
Participation in Hackathon Tarnow 2022. Android application in Kotlin that summarize the energy consumption,

No Degree — Computer Science, AI/ML

WSB Merito in Wrocław

2023 — 2024 • Wrocław, Poland

Gained theoretical knowledge about artificial intelligence,