

# Alexandru Tănase

07469872603 • t\_alexandru87@yahoo.com

LinkedIn : [linkedin.com/in/alexandru--tanase](https://www.linkedin.com/in/alexandru--tanase) | GitHub : <https://github.com/talexandru1987>

Portfolio : <https://talexandru1987.github.io/developer-portfolio/> | City : Birmingham | Country : United Kingdom

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## Robotic Process Automation Developer

Robotic Process Automation (RPA) Developer leveraging my background in Quality Engineering to create robust and sustainable software solutions. Recently earned a degree in Software Engineering from The Open University and a Certificate in Full Stack Web Development from University of Birmingham. My developed skills encompass, UiPath, Java, JavaScript, React, MySQL, Python, Node.js, Html, CSS, Agile development and experience with the Software Development Life Cycle. Known as an innovative problem-solver passionate about automating tasks, a team player and a person with a high accountability standard. My aim is to become an expert RPA Developer that will help free people from tedious repetitive task and create a more engaging work environment for everyone.

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### TECHNICAL SKILLS

UiPath | SQL | Html5 | JavaScript | Java | API's | CSS | Agile | Python | Linux | Docker |Jupiter Notebook

### PROJECTS

Note Taker | <https://github.com/talexandru1987/note-taker.git>

- Summary: the project will is a simple application for taking notes
  - Role: Sole author
  - Tools: HTML, CSS, JavaScript, Node.js,
  - Deployed link: <https://alexandru-note-taker.herokuapp.com>
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### PROFESSIONAL EXPERIENCE

**RPA (Robotic Process Automation) Developer** (2021 – Present)

Robins & Day, Coventry

As an RPA developer for Robins & Day my responsibilities encompass the entire Software Development Life Cycle for automation created using UiPath. This means liaising with different departments to identify suitable processes, applying lean thinking and creating the most efficient version of the identified processes. Robust workflows are then designed through the use of low code software solutions in the form of Knack and Integromat, with advanced coding being completed in JavaScript. This then leads up to testing using techniques such as Black Box and continuous improvement being carried out for all the live automation.

#### Key Achievements:

- Manage to automate the first process within three months without prior experience or consultants.
- Managed to build good workplace relationships with my team and the IT department.

**Test Engineer** (2018 – 2021)

ERA Home Security, Wolverhampton

Managed internal and UKAS calibration of equipment and oversee calibration registers. Script test plans and create test cases for the product in compliance with ISO 17025 standard and ISO 9001. Conduct tests on prototype samples provided by various windows and doors manufacturers using BS 6375-1(weather testing), BS 6375-2, BS 6375-3(basic security), PAS24(enhanced security), EN1191 (cycle testing). Craft final QA and test procedures for the quality technicians. **Key Achievements:**

- Certified to write and issue official UKAS reports for management.
- Reduced annual cost for calibration through strategic planning.

### Quality Inspector (2015– 2018)

Plastic Omnium, Coleshill Parkway

Maintained product quality by inspecting incoming materials by confirming specifications, conducting visual and measurement tests, and rejecting unacceptable materials. Documented inspection results by completing reports and logs, summarising re-work and waste, and inputting data into a quality database.

#### Key Achievements:

- Improved standard operation procedure for processes which increased the number of parts produced per hour.
- Decreased number of quality defects and rejects through quality control analysis.

### Quality Engineer (2014 – 2015)

VAN OORD, Constanta, Romania

**Project name:** Constanta Port Northern Breakwater Extension Project number: 28.3285

Oversaw quality inspection of administration, transport, and installation of Accropodes (concrete blocks) Determined quality metrics for all manufacturing procedures by reviewing and following drawings templates related to specific placements. Crafted progress report after data analysis on daily basis. Analysed data to effectively coordinate installation of new systems and modification of existing systems.

#### Key Achievements:

- Decreased the number of defective concrete blocks sent to the construction site.
- Implemented a new method for loading and unloading concrete blocks by using specially designed slings

### CNC Operator (2012– 2014)

S.C. STELCO, Brasov, Romania

Utilised various testing equipment, including tape measures, gage pins, calliper, visual inspection to evaluate machine parts quality. Supervised machines while they execute tasks and make any necessary adjustments to produce a better result. Checked and maintained machinery daily to ensure proper functionality. Communicated key project data to team members and built cohesion among teams.

#### Key Achievements:

- Optimised production rate as a laser and plasma operator.
- Designed 2D parts by analysing and interpreting blueprints of AutoCAD.

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## EDUCATION AND TRAINING

**Full Stack Software Developer Course, Current**  
University of Birmingham, Birmingham, UK

**Bachelor of Science in Computing and IT, 2021**  
Open University, Milton Keynes, UK

**Master of Science in Welding of Advanced Materials, 2015**  
University Transilvania Brasov (Romania)

**Bachelor of Science in Industrial Safety Engineering, 2013**  
University Transilvania Brasov (Romania)

#### *Technical Certifications*

NEBOSH International General Certificate | First Aider | Certificate in Full Stack Web Development from University of Birmingham

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## LANGUAGES

Romanian | English