

## Moti Daniel



### Summary:

A highly motivated and results-oriented individual with a proven ability in developing cutting-edge immersive Virtual Reality experiences. Specializing in leveraging visual simulations for operational optimization, I excel in project management, effective communication, and innovative problem-solving. My ability to translate complex concepts into actionable solutions has consistently driven successful outcomes.

Press below to see my LATEST work for Duqueine – digitalization of work instructions DEMO (password 1234)  
<https://work-duq.itch.io/test-duq-15>

### Education:

Aarhus University, School of Business and Social Sciences (2021-2023)

- Master's Degree - Technology Based Business Development

Polytechnic University of Timisoara, Faculty: "MPT" (2015-2019)

- Bachelor's Degree - Mechanical Engineering and Management

Colegiul National "Moise Nicoara" Arad (2011-2015)

- High-School Diploma - Mathematics & Computer Science (C++)

### Experience:

Process Engineer @ Duqueine Composite (2023-2024) – Timisoara RO

1. Developed digital applications for the visualization and optimization of work instructions
2. Developed Python scripts and an integrated addon for their ERP platform in order to increase efficiency and reduce manual labor

VR Engineer @ Kamstrup (2021-2023) – Aarhus DK

1. Developed VR simulations for training and process visualization
2. Collaborated with LEAN department for on-point processes optimization
3. Assisted in creating digital twins that enhanced process understanding, monitoring, and optimization

System Engineer @ SIND Process Control (2020-2021) – Bucharest RO

1. Designed and implemented automated data collection and analysis systems
2. Utilized Python and data visualization tools to identify process improvement opportunities
3. Programmed PLC controllers to automate processes and improve efficiency for a liquid soap factory

Project Manager (Internship + full) @ Continental Automotive (2019-2020) – Timisoara RO

1. Led a team of technicians in developing a new digital dashboard
2. Utilized lean manufacturing principles to improve efficiency and reduce costs

3D CMM Programmer (Student Worker) Lemman Industrie (2018) – Timisoara RO

1. Created and executed 3D measurement programs for quality control.
2. Analyzed data and identified potential quality issues.

**Technical Skills:**

1. Microsoft Office Suite (Word, Excel, etc.) & Libre Office Suite (Writer, Calc, etc.)
2. Custom-made plant simulation software
3. Blender 3D (advanced), CAD Softwares (Autodesk/ Solidworks - beginner)
4. Godot Engine (contributor), Unreal Engine, Unity3D Engine
5. C++ (intermediate), C# (beginner), Python (advanced), GDscript (advanced)

**Soft Skills:**

1. Critical thinking, analytical, and problem-solving skills.
2. Leadership and project management skills.
3. Ability to work independently and as part of a team.
4. Results-oriented and driven to achieve excellence.

**Project Management:**

1. Proven experience leading and collaborating in team projects
2. Skilled in planning, organization, and time management

**Data Analysis:**

1. Experience with data visualization, trend analysis, machine learning and simulation modeling (Python – numpy, pandas, matplotlib, scikit-learn, keras, seaborn)
2. Proficient in interpreting data from MES systems

**Languages:**

1. Fluent in English (IELTS 8.0)
2. Romanian (native)
3. German and Danish (B1)

**Additional Information:**

1. Driving license: B