Daniel **Ilies**

✉ iliesh.daniel@gmail.com | ☐ (+971) 54-753-6361 | ♥ Dubai | ⬡ https://daniel-iliesh.github.io

Experience

Iasi, Romania

SOFTWARE DEVELOPER *2023-06 – 2025-05*
- Engineered and deployed AI-powered solutions including RoboGPT using Python, LLMs, and OpenAI APIs for data transformation and natural language processing in robot control
- Developed backend integration layers for AI applications, ensuring efficient data retrieval and processing with MongoDB
- Collaborated on code reviews and implemented version control using Git to maintain clean, maintainable codebases
- Utilized CI/CD pipelines for deploying scalable backend services and performed debugging and unit testing for reliability

Remote, Germany

FULL-STACK ENGINEER *2025-01 – 2025-06*
- Developed backend code to serve datasets through APIs, ensuring performant and scalable data flow using Node.js and TypeScript
- Collaborated with teams to integrate server-side logic with frontend elements, optimizing for reliability and database integration
- Applied version control with Git and Docker for managing code and containerizing services

Remote, Romania

CUSTOMER SERVICE REPRESENTATIVE *2022-03 – 2023-07*
- Implemented JavaScript-based automation tools for data transformation and form handling, improving team productivity through scripting

Remote, Romania

CUSTOMER SERVICE REPRESENTATIVE *2022-03 – 2023-07*
- Developed Otis, a JavaScript-based templating tool for automating form-filling and email generation, enhancing data processing efficiency
- Demonstrated problem-solving skills in debugging and testing automation scripts

Skills

Backend & AI/ML: Python, Node.js, Express.js, MongoDB, TensorFlow.js, OpenAI API
Development Tools: Git, Docker, Linux, CI/CD
Frontend Development: JavaScript (ES6+), TypeScript, Vue.js, React.js, HTML5, CSS3, Tailwind CSS, Vuetify

Projects

defender-bot *Python, LEGO Mindstorms, Micropython, Robotics, OOP*

DEVELOPED A PYTHON-CONTROLLED LEGO MINDSTORMS ROBOT USING MICROPYTHON, DEMONSTRATING BACKEND PROGRAMMING, DATA PROCESSING FROM SENSORS, AND OOP PRINCIPLES FOR ROBOTICS APPLICATIONS.

RoboGPT *Python, Nvidia Isaac Sim, LLMs, OpenAI API, Natural Language Processing*

ENGINEERED AN NVIDIA ISAAC SIM EXTENSION USING PYTHON AND LLMS FOR NATURAL LANGUAGE PROCESSING AND API INTEGRATION TO CONTROL ROBOTS VIA OPENAI COMMANDS, INVOLVING DATA TRANSFORMATION PIPELINES.

AdCognition *TypeScript, TensorFlow.js, Browser Extension, AI*

BUILT AN AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION USING TENSORFLOW.JS, HANDLING DATA PROCESSING AND BACKEND LOGIC INTEGRATION.

Education

University "1 Decembrie 1918" of Alba Iulia

BACHELOR'S DEGREE IN INFORMATICS *2019-10 – 2022-07*
GPA: 9 out of 10

Awards

2023 **1st Place Innovation Contest**, Awarded for developing Otis, a JavaScript-based automation tool that streamlined data transformation and generation processes

CGS Romania