

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Developed RoboGPT, an Nvidia Isaac Sim extension for robot control via natural language commands, utilizing LLMs and OpenAI APIs to enhance automation and scalability
- Engineered AdCognition, a browser extension with real-time detection capabilities using TensorFlow.js, contributing to performance analysis and reliable service delivery
- Collaborated on full development cycle, including design, implementation, and deployment of AI solutions in Agile sprints with Kanban methodologies

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Architected key components for campaign management, ensuring robust API integration and data flow for reliable performance across distributed systems
- Supported full development cycle from design to production, emphasizing automation and scalability in a fast-paced environment

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Developed Otis, a JavaScript-based automation tool for form-filling and email generation, improving team productivity and reliability in high-volume operations
- Applied analytical thinking and problem-solving to handle entire software development life cycle for internal tools

Skills

Backend Development: Python, Node.js, Express.js, API Architectures

Databases & Infrastructure: MongoDB, Docker, Linux, CI/CD

Development Practices: Git, Agile Methodologies, Full Development Cycle, Automation

Projects

defender-bot

Python, MicroPython, Robotics, OOP,
Scalable Systems

PYTHON-BASED LEGO MINDSTORMS ROBOT PROJECT DEMONSTRATING EXPERIENCE IN PYTHON PROGRAMMING, ROBOTICS, AND OBJECT-ORIENTED PRINCIPLES FOR SCALABLE CONTROL SYSTEMS.

RoboGPT

Python, OpenAI API, LLMs, Natural
Language Processing, Automation

NVIDIA ISAAC SIM EXTENSION FOR ROBOT CONTROL USING NATURAL LANGUAGE PROCESSING WITH LLMs AND OPENAI APIS, EMPHASIZING AUTOMATION AND RELIABILITY.

AdCognition

TypeScript, TensorFlow.js, AI,
Performance Analysis

AI-POWERED BROWSER EXTENSION FOR REAL-TIME DETECTION AND BLOCKING, FOCUSING ON PERFORMANCE ANALYSIS AND DISTRIBUTED PROCESSING.

Otis – Customer Support Automation Tool

JavaScript, Automation, Reliability

JAVASCRIPT TOOL FOR AUTOMATING FORM-FILLING AND EMAIL GENERATION, AWARDED FOR INNOVATION IN ENHANCING OPERATIONAL RELIABILITY.

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 automation tool that streamlined processes and improved efficiency in high-traffic support operations

CGS Romania