

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Led development of AI-powered browser extension (AdCognition) using TypeScript, TensorFlow.js, and Node.js for real-time processing and integration with distributed systems
- Developed RoboGPT extension with Python, OpenAI APIs, and LLMs to enable natural language control, optimizing for scalability and performance in simulation environments
- Collaborated on requirement review, testing, and deployment using Docker and CI/CD pipelines to support monitoring and operation of production systems
- Performed code reviews and system design with cross-functional teams to enhance team efficiency and technical atmosphere

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Served as contributing backend developer, designing and implementing API endpoints with Node.js and Express.js to ensure high availability and data flow efficiency
- Architected system design for distributed components, integrating cache and storage solutions to build scalable campaign management features
- Collaborated on project management and testing communication to deliver high-quality, performant solutions across the product delivery cycle

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Engineered Otis automation software using JavaScript and scripting techniques to automate processes, significantly enhancing team productivity and system monitoring
- Led innovation in templating and form generation, applying problem-solving with data structures to solve production issues independently

Skills

Backend Development: Node.js, Express.js, Python, MongoDB, Docker, Linux
AI/ML Integration: TensorFlow.js, OpenAI API, LLMs
Development Tools & Systems: Git, CI/CD, System Design, Distributed Storage

Projects

IT-Hub - MERN Stack Social Media Web Application

FULL-STACK APPLICATION WITH EMPHASIS ON SERVER-SIDE DEVELOPMENT USING NODE.JS AND EXPRESS.JS FOR SCALABLE DATA HANDLING AND API SERVICES.

Node.js, Express.js, MongoDB,
System Design, Scalable Solutions

<https://github.com/daniel-iliesh/ithub>

RoboGPT

NVIDIA ISAAC SIM EXTENSION INTEGRATING AI/ML FOR NATURAL LANGUAGE PROCESSING IN ROBOT CONTROL, USING PYTHON AND OPENAI APIS FOR ROBUST, SCALABLE SOLUTIONS.

Python, OpenAI API, LLMs, Natural
Language Processing, AI/ML

AdCognition

AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION, LEVERAGING TENSORFLOW.JS AND TYPESCRIPT FOR EFFICIENT, HIGH-PERFORMANCE PROCESSING.

TypeScript, TensorFlow.js, AI/ML,
Browser Extension

Otis – Customer Support Automation Tool

JAVASCRIPT-BASED AUTOMATION TOOL FOR FORM-FILLING AND EMAIL GENERATION, IMPROVING EFFICIENCY THROUGH SCRIPTING AND PROCESS OPTIMIZATION.

JavaScript, Automation, Scripting,
Efficiency Tools

Education

University "1 Decembrie 1918" of Alba Iulia

BACHELOR'S DEGREE IN INFORMATICS

GPA: 9 out of 10

2019-10 – 2022-07

Awards

2023

1st Place Innovation Contest, Awarded for developing Otis, a JavaScript-based templating software that automated form-filling and email generation to enhance team efficiency

CGS Romania