

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Engineered AI-powered browser extension (AdCognition) using TypeScript, TensorFlow.js, and RESTful APIs for real-time ad detection and blocking, ensuring end-to-end quality through automated tests
- Developed RoboGPT, an Nvidia Isaac Sim extension integrating LLMs and OpenAI APIs for event-driven robot control via natural language commands, focusing on scalable API services
- Contributed to backend development and API integrations while leading frontend refactoring of an exam management platform using Vue.js and Vuetify, improving performance by 25% and supporting distributed system architecture
- Participated in code reviews and collaborated with UI/UX and engineering teams to deliver value in small batches, adhering to agile principles and continuous improvement

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Architected and developed key backend components for campaign management, including API endpoints and data flow optimization for distributed systems
- Collaborated with backend team on system design and RESTful API integration to ensure seamless functionality and support for microservices architecture
- Implemented responsive frontend dashboard and form components using Nuxt.js and Vue.js, prioritizing cross-browser compatibility and user experience in a continuous delivery environment

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Developed Otis, a JavaScript-based templating tool using RegEx for automated form-filling and email generation, improving team efficiency and demonstrating lean practices
- Enhanced communication, teamwork, and problem-solving skills through interactions with diverse customers, supporting agile collaboration principles

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Won 1st place in a company-wide Innovation contest by developing Otis, a JavaScript-based templating software that automated form-filling and email generation, significantly improving team efficiency
- Honed communication, teamwork, and problem-solving skills while interacting with customers from diverse cultures

Skills

Backend Development: Node.js, Express.js, Python, MongoDB, RESTful Services

DevOps & Delivery: CI/CD, Continuous Delivery, Docker, Git, Trunk Based Development

AI/ML & Testing: TensorFlow.js, OpenAI API, Automated Testing, End-to-End Quality

Frontend Development: JavaScript (ES6+), TypeScript, Vue.js, React.js

Databases & Tools: MongoDB, Linux

Projects

IT-Hub - MERN Stack Social Media Web Application

Node.js, Express.js, MongoDB,
React.js, Redux, RESTful Services

DEVELOPED END-TO-END SOCIAL MEDIA APPLICATION USING MERN STACK, EMPHASIZING BACKEND SERVICES WITH NODE.JS, EXPRESS.JS, AND MONGODB FOR SCALABLE DATA MANAGEMENT.

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

RoboGPT

OpenAI API, LLMs, RESTful Services,
Natural Language Processing,
Event-Driven

BUILT NVIDIA ISAAC SIM EXTENSION FOR EVENT-DRIVEN ROBOT CONTROL USING LLMs AND OPENAI APIS, FOCUSING ON API INTEGRATIONS AND NATURAL LANGUAGE PROCESSING.

AdCognition

*TensorFlow.js, TypeScript, AI,
Automated Testing, End-to-End
Quality*

ENGINEERED AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION USING TENSORFLOW.JS AND
AUTOMATED END-TO-END TESTING.

Otis – Customer Support Automation Tool

*JavaScript, RegEx, Automation,
Continuous Improvement*

CREATED JAVASCRIPT-BASED AUTOMATION TOOL FOR FORM-FILLING AND EMAIL GENERATION, OPTIMIZING
PROCESSES WITH LEAN PRINCIPLES.

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, enhancing operational efficiency

CGS Romania