

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Assisted in software design and analysis by leading the frontend refactoring of an exam management platform using Vue.js and Vuetify, improving user experience and page load times by approximately 25%
- Supported troubleshooting and quality control by engineering and deploying AdCognition, an AI-powered browser extension using TypeScript and TensorFlow.js for real-time ad detection and blocking
- Contributed to documentation and knowledge sharing through developing RoboGPT, an Nvidia Isaac Sim extension for controlling robots via natural language commands using LLMs and OpenAI APIs
- Collaborated with UI/UX designers and participated in code reviews to translate mockups into functional web pages, adhering to architectural standards

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Assisted in analysis and design phases by architecting and developing key dashboard and form components for campaign management using TypeScript
- Contributed to configuration and setup of frontend components, implementing responsive design and cross-browser compatibility for seamless user experience
- Collaborated with backend team on system design and API integration to support data flow and application functionality, providing input on task estimation

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Supported software test plans and bug fixing by developing Otis, a JavaScript-based templating software using RegEx to automate form-filling and email generation, winning 1st place in company innovation contest
- Built technical knowledge through hands-on programming and documentation of automation tools, enhancing team productivity

Skills

Programming Languages: TypeScript, JavaScript (ES6+), Python

Frontend Development: Vue.js, React.js, HTML5, CSS3

Backend & Database: Node.js, Express.js, MongoDB

AI/ML & Tools: TensorFlow.js, OpenAI API, Git, Docker, CI/CD

Projects

AdCognition

TypeScript, TensorFlow.js, AI,
Browser Extension

AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION AND BLOCKING, DEMONSTRATING TROUBLESHOOTING SKILLS AND SOFTWARE DESIGN FUNDAMENTALS IN TYPESCRIPT.

RoboGPT

TypeScript, OpenAI API, LLMs,
Natural Language Processing

NVIDIA ISAAC SIM EXTENSION FOR CONTROLLING ROBOTS VIA NATURAL LANGUAGE COMMANDS, SHOWCASING COLLABORATION ON INTERDISCIPLINARY SOFTWARE SOLUTIONS AND TECHNICAL KNOWLEDGE BUILDING.

Otis – Customer Support Automation Tool

JavaScript, jQuery, RegEx,
Automation

JAVASCRIPT-BASED TEMPLATING SOFTWARE FOR AUTOMATING FORM-FILLING AND EMAIL GENERATION, HIGHLIGHTING DOCUMENTATION SKILLS AND ADHERENCE TO CODING STANDARDS.

IT-Hub - MERN Stack Social Media Web Application

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

FULL-STACK SOCIAL MEDIA APPLICATION BUILT WITH MERN STACK, DEMONSTRATING END-TO-END SOFTWARE DEVELOPMENT AND TEAM COLLABORATION.

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

defender-bot

Python, Micropython, Robotics, OOP

PYTHON-CONTROLLED LEGO MINDSTORMS ROBOT, ILLUSTRATING BASIC PROGRAMMING KNOWLEDGE AND OOP PRINCIPLES IN SOFTWARE DESIGN.

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 templating software that automated form-filling and email generation, contributing to high-quality software solutions.	<i>CGS Romania</i>
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