

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Led the frontend refactoring of an exam management platform (examene.umfst.ro/login) using Vue.js and Vuetify, improving user experience and page load times by approximately 25%
- Collaborated with UI/UX designers to translate complex mockups into functional web pages, actively involved in code reviews ensuring code quality principles
- Engineered and deployed an AI-powered browser extension (AdCognition) using TypeScript and TensorFlow.js for real-time ad detection and blocking
- Developed RoboGPT, an Nvidia Isaac Sim extension for controlling robots via natural language commands using LLMs and OpenAI APIs

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Functioned as the primary front-end developer, architecting and developing key dashboard and form components for campaign management using modern JavaScript and TypeScript
- Implemented responsive design principles and ensured cross-browser compatibility, delivering a seamless user experience across all devices, prototyping new user interactions
- Worked closely with the back-end team on system design and API integration to ensure smooth data flow and application functionality

Remote, Romania

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

Frontend Development: ReactJS, JavaScript (ESNext), TypeScript, Vue.js, HTML5, CSS3, Styled components, Webpack, Tailwind CSS

Development Tools: Git, Docker, Linux, CI/CD, Debugging

Backend & AI/ML: Node.js, Python, Express.js, MongoDB, TensorFlow.js, OpenAI API

Projects

IT-Hub - MERN Stack Social Media Web Application

React.js, MongoDB, Express.js,
Node.js, Redux, Component-Based
Architecture, JavaScript

A FULL-STACK SOCIAL MEDIA APPLICATION BUILT WITH THE MERN STACK, DEMONSTRATING AN UNDERSTANDING OF
END-TO-END WEB DEVELOPMENT, AND FOCUSED ON DYNAMIC FRONTEND FEATURES.

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

AdCognition

TypeScript, TensorFlow.js, Browser
Extension, AI

AN AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION AND BLOCKING, ENGINEERED USING
TYPESCRIPT.

RoboGPT

Nvidia Isaac Sim, LLMs, OpenAI API,
Natural Language Processing

AN NVIDIA ISAAC SIM EXTENSION FOR CONTROLLING ROBOTS VIA NATURAL LANGUAGE COMMANDS USING LLMs AND
OPENAI APIS.

Otis – Customer Support Automation Tool

JavaScript, jQuery, RegEx,
Automation

AN INTERNAL TOOL THAT WON A COMPANY INNOVATION AWARD, USING JAVASCRIPT, JQUERY, AND REGEX TO
AUTOMATE FORM-FILLING AND EMAIL GENERATION FOR CUSTOMER SUPPORT.

defender-bot

*Python, LEGO Mindstorms,
Micropython, Robotics, OOP*

A PYTHON-CONTROLLED LEGO MINDSTORMS MICROPYTHON ROBOT FROM UNIVERSITY, DEMONSTRATING
EXPERIENCE WITH ROBOTICS, SENSORS, AND OOP PRINCIPLES.

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, Won first place for developing Otis, a JavaScript-based templating
software that automated form-filling and email generation

CGS Romania