

Daniel Ilies

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Experience

FULL-STACK ENGINEER

Remote, Germany

2025-01 – 2025-06

- Architected and developed key backend components and API integrations for campaign management, ensuring seamless data flow in distributed systems
- Collaborated with engineering and product teams to design scalable services, optimizing for continuous delivery and end-to-end functionality
- Implemented responsive frontend alongside backend support, focusing on RESTful API services for reliable application performance

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Developed and deployed AI-powered AdCognition browser extension using TypeScript and TensorFlow.js for real-time processing, incorporating API calls and automated testing
- Built RoboGPT extension for Nvidia Isaac Sim, integrating OpenAI APIs and LLMs to handle natural language commands in a continuous delivery pipeline
- Refactored exam management platform backend with Vue.js and Vuetify, improving scalability and load times by 25% through optimized data handling with non-relational databases

Remote, Romania

2022-03 – 2023-07

CUSTOMER SERVICE REPRESENTATIVE

- Developed Otis JavaScript-based automation tool using templating and RegEx, enabling continuous refactoring and efficiency gains in form-filling and email generation
- Collaborated with diverse teams to identify user needs, building empathetic relationships and applying lean principles to streamline processes
- Participated in innovation initiatives, emphasizing growth mindset through feedback and iterative improvements

Skills

Backend Development: Node.js, Express.js, MongoDB, RESTful Services, API Integration

Development Practices: CI/CD, Trunk Based Development, Automated Testing, Docker, Git

AI/ML & Scripting: Python, TensorFlow.js, OpenAI API

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

Projects

IT-Hub - MERN Stack Social Media Web Application

Node.js, Express.js, MongoDB,
RESTful Services, CI/CD

FULL-STACK SOCIAL MEDIA APPLICATION USING MERN STACK, FOCUSING ON BACKEND SERVICES WITH NODE.JS, EXPRESS.JS, AND MONGODB FOR SCALABLE DATA MANAGEMENT.

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

RoboGPT

OpenAI API, Node.js, API Integration,
Continuous Delivery

NVIDIA ISAAC SIM EXTENSION INTEGRATING LLMs AND OPENAI APIS FOR NATURAL LANGUAGE ROBOT CONTROL, EMPHASIZING BACKEND API HANDLING AND CONTINUOUS INTEGRATION.

AdCognition

TypeScript, TensorFlow.js,
Automated Testing

AI-POWERED BROWSER EXTENSION USING TENSORFLOW.JS FOR REAL-TIME AD DETECTION, WITH BACKEND LOGIC FOR AUTOMATED PROCESSING.

Otis – Customer Support Automation Tool

JavaScript, RegEx, Automation,
Continuous Refactoring

JAVASCRIPT AUTOMATION TOOL FOR FORM-FILLING AND EMAIL GENERATION, APPLYING SIMPLE DESIGN AND REFACTORING 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, Awarded for Otis automation tool that enhanced team efficiency through automated processes and iterative improvements

CGS Romania