

Daniel Ilies

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Experience

Iasi, Romania

2023-06 – 2025-05

SOFTWARE DEVELOPER

- Developed and deployed AdCognition, an AI-powered browser extension using TypeScript and TensorFlow.js for real-time detection, demonstrating end-to-end automation testing techniques
- Led frontend development and refactoring of exam management platform using Vue.js and TypeScript, optimizing performance and ensuring cross-functional team collaboration in Agile sprints
- Collaborated on system design and API integrations with RESTful services, applying best practices in coding, unit testing, and documentation

Remote, Germany

2025-01 – 2025-06

FULL-STACK ENGINEER

- Architected and developed key backend components for RESTful APIs and microservices using Node.js and TypeScript, ensuring high availability and integration with distributed services
- Implemented frontend dashboard components with Vue.js and Nuxt.js, incorporating automation testing principles to validate API endpoints and user interactions
- Worked with cross-functional teams to troubleshoot and deploy using CI/CD pipelines and Docker containerization

Remote, Romania

2022-03 – 2022-07

CUSTOMER SERVICE REPRESENTATIVE

- Developed Otis, a JavaScript-based automation tool for end-to-end form-filling and email generation, applying BDD-like approaches to improve team efficiency significantly
- Won 1st place in a company-wide Innovation contest by developing Otis, a JavaScript-based templating software that automated form-filling and email generation
- Conducted unit testing and security reviews for automation scripts, enhancing productivity in a high-volume environment
- Honed communication, teamwork, and problem-solving skills while interacting with customers from diverse cultures

Skills

JavaScript & Automation Testing: JavaScript (ES6+), TypeScript, Node.js, Automation Testing, RESTful APIs

Development Tools & DevOps: Docker, CI/CD, Git, Agile Methodologies

Backend Technologies: Express.js, MongoDB

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

Projects

Otis – Customer Support Automation Tool

JavaScript, Automation Testing,

Regex, BDD Approach

JAVASCRIPT-BASED AUTOMATION TESTING TOOL FOR END-TO-END PROCESSES LIKE FORM-FILLING AND EMAIL GENERATION, FOLLOWING BEST PRACTICES IN UNIT TESTING AND DOCUMENTATION.

IT-Hub - MERN Stack Social Media Web Application

Node.js, Express.js, MongoDB,

RESTful APIs

FULL-STACK APPLICATION WITH NODE.JS BACKEND FOR SCALABLE RESTFUL APIs AND MICROSERVICES.

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

AdCognition

TypeScript, JavaScript, Automation

TYPESCRIPT-BASED BROWSER EXTENSION FOR REAL-TIME AUTOMATION AND DETECTION, LEVERAGING JAVASCRIPT TECHNOLOGIES.

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 automation tool that enhanced efficiency through end-to-end testing and scripting.

CGS Romania