Daniel **Ilies**

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Experience

Iasi, Romania

SOFTWARE DEVELOPER *2023-06 – 2025-05*
- Developed and deployed AI-powered browser extension using TypeScript and TensorFlow.js, implementing real-time detection features with high performance and reliability
- Contributed to backend development by building RESTful APIs with Node.js and Express.js, ensuring seamless integration and data flow for frontend applications
- Participated in code reviews and collaborated with cross-functional teams to maintain clean architecture, reusable components, and continuous code quality
- Improved application performance and responsiveness through optimization of complex systems using modern web development tools

Remote, Germany

FULL-STACK ENGINEER *2025-01 – 2025-06*
- Architected and developed key backend components and RESTful APIs using TypeScript, ensuring scalability and high performance for the AdsMedia retargeting platform
- Implemented clean architecture patterns and reusable components, following industry best practices to enhance application maintainability
- Integrated frontend dashboard and form components with backend services, optimizing for responsiveness and cross-browser compatibility
- Collaborated on system design with backend teams to support event-driven data flows and reliable deployments

Remote, Romania

CUSTOMER SERVICE REPRESENTATIVE *2022-03 – 2023-07*
- Designed and implemented JavaScript-based templating software (Otis) to automate form-filling and email generation, enhancing team productivity and system reliability
- Applied problem-solving skills to build performant scripts, debugging complex workflows in a team-oriented environment

Skills

TypeScript & JavaScript Development: TypeScript, JavaScript (ES6+), Node.js, Express.js, RESTful APIs
Web Development Fundamentals: HTML5, CSS3, Vue.js, React.js
Backend & Databases: MongoDB, Node.js, Express.js
Development Tools: Git, Docker, CI/CD, Linux

Projects

TypeScript, Node.js, Express.js,
MongoDB, RESTful APIs, Clean
Architecture

IT-Hub - MERN Stack Social Media Web Application

FULL-STACK SOCIAL MEDIA APPLICATION BUILT WITH MERN STACK, FOCUSING ON SCALABLE BACKEND SERVICES AND RESTFUL APIS USING NODE.JS AND EXPRESS.JS.

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

AdCognition *TypeScript, JavaScript, RESTful APIs*

AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION AND BLOCKING, DEVELOPED USING TYPESCRIPT FOR PERFORMANT BACKEND LOGIC.

Otis – Customer Support Automation Tool *JavaScript, Node.js, Automation*

JAVASCRIPT-BASED AUTOMATION TOOL FOR FORM-FILLING AND EMAIL GENERATION, IMPROVING BACKEND EFFICIENCY IN PRODUCTION.

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, enhancing backend process reliability   *CGS Romania*