

Daniel Ilies

Full-Stack Developer | React • TypeScript • Tailwind CSS • REST APIs

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Profile

Full-Stack Developer with expertise in React, TypeScript, and Tailwind CSS for building responsive UIs and integrating with REST APIs. Experienced in frontend optimization, API consumption with robust error handling and caching, and CI/CD pipelines using tools like Jenkins. Proven track record in productionizing applications, including Next.js projects and ML-integrated Chrome extensions, with a focus on performance improvements and secure authentication flows; available for remote contract roles in the UAE.

Experience

Full-Stack Engineering Intern (Go/Node/Next.js)

Jul 2025 - Oct 2025

Trood • Remote

Contributed to backend services and frontend integrations in a multi-service environment, focusing on API development and authentication.

- Developed Go backend components and gRPC endpoints for inter-service communication and data serialization.
- Integrated Telegram bot with backend REST APIs using Node.js.
- Assisted with Next.js authentication flows and React-based UI components for secure user interactions.

Full-Stack Engineer (Contract)

May 2025 - Aug 2025

BigFoot Company • Remote, Germany

Built landing pages and dashboard features using modern frontend stacks with TypeScript, emphasizing API integrations and responsive design.

- Developed core UI and multi-step workflows with Nuxt 3, Vue 3, TypeScript, and state management.

- Implemented responsive design using Tailwind CSS and ensured cross-browser compatibility.
- Collaborated on REST API integration, improving data flow and adding error handling for reliable frontend-backend communication.

Software Developer

Jun 2023 - May 2025

DevelBox • Iasi, Romania

Led frontend development and engineered solutions with API integrations and performance optimizations in production environments.

- Led frontend refactor using TypeScript, improving page load times by 25% through code splitting and optimization techniques.
- Engineered AdCognition Chrome extension with TypeScript and TensorFlow.js for real-time API-driven ad detection, achieving 90%+ accuracy.
- Developed ML-integrated workflows with REST API consumption, including retries and caching patterns.
- Maintained CI/CD pipelines with Jenkins for multi-environment deployments (Dev/Staging/Prod).

Customer Service Representative + Developer

Mar 2022 - Jul 2023

CGS Romania • Remote, Romania

Built internal automation tools using JavaScript to streamline workflows and improve efficiency.

- Developed 'Otis', a JavaScript-based templating tool for form-filling and email generation, winning 1st place in company Innovation Contest.
- Automated repetitive tasks with JavaScript, RegEx, and API-like integrations for secure data handling.

Projects

IT-Hub – MERN Stack Social Media Web Application

Jun 2021 - Jul 2022

Full-stack social platform using React for frontend, Node/Express for backend APIs, and MongoDB, focusing on authentication and REST patterns.

- Implemented user authentication (JWT), posts, likes, and real-time features with React Hooks and Context API.
- Integrated REST APIs with pagination, filtering, and error handling for scalable data management.
- Applied TypeScript for type-safe components and Redux for state management in a component-based architecture.

AdCognition – End-to-End ML Ad Detection System

Jun 2023 - May 2025

DevelBox

Production Chrome extension for real-time ad detection using TypeScript and TensorFlow.js, integrated with backend ML services via REST APIs.

- Achieved over 90% detection accuracy through in-browser inference and API-driven model updates.
- Built resilient API client with Axios for data fetching, including caching, retries, and telemetry.
- Deployed via CI/CD pipelines with environment-specific configurations for Dev/UAT/Prod.

Otis – Customer Support Automation Tool

Mar 2022 - Jul 2023

CGS Romania

JavaScript tool for templating, secure form processing, and workflow automation in a production context.

- Automated secure data handling and email generation, improving team efficiency significantly.
- Implemented error handling and validation patterns similar to SPA + API integrations.

MARS5 TTS Telegram Bot

Oct 2024 - Dec 2024

Telegram bot integrating external APIs for voice cloning, demonstrating secure API consumption and deployment.

- Integrated REST APIs with authentication and error handling for real-time processing.
- Deployed with Docker and CI/CD for multi-environment support.

Education

Bachelor's Degree in Informatics

2019 - 2022

University "1 Decembrie 1918" of Alba Iulia

GPA: 9.0/10

Relevant Coursework: Bachelor Thesis: Building a Modern Fullstack Web Application

Bachelor's Degree in Informatics (Exchange)

2021 - 2022

Universidade da Madeira

Certifications

Cybersecurity Essentials

Apr 2022

Awards & Honors

1st Place Innovation Contest

Jan 2023

CGS Romania

Won for 'Otis' automation tool that streamlined templating and email workflows.

Skills

Frontend Development

React (Hooks, Context) • TypeScript • Tailwind CSS
• React Router • Next.js • Vite • Responsive Design
• Performance Optimization • Unit Testing (Jest)

Backend & APIs

Node.js • Express.js • REST APIs • gRPC • Axios •
Pagination • Caching • Error Handling •
Authentication (JWT)

DevOps & Tools

CI/CD (Jenkins) • Git • Docker • Linux • Multi-
Environment Deployments

Testing & Security

Jest + React Testing Library • Secure Headers •
CSRF Patterns

Languages

English Full Professional Proficiency

Romanian

Native speaker

Russian

Native speaker