Daniel Ilies

Front-End Developer | React Native • React • Vue.js • Node.js

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Profile

Front-End Developer with 3+ years building production mobile and web applications. Proven expertise delivering React Native apps, integrating Firebase Authentication, and implementing real-time chat/feed systems. Experienced publishing to Google Play and App Store, working with Node.js backends, Azure infrastructure, and collaborating in distributed teams across EU and remote environments.

Experience

Full-Stack Engineer   Nov 2023 - Oct 2024

BigFoot Company • Germany (Remote)

Led frontend development for Telegram-based marketing platform, building multi-channel messaging systems and real-time analytics dashboards.

- Built responsive web dashboards using Vue 3, Nuxt 3, and TypeScript for campaign management and analytics
- Developed automated Telegram bot system enabling campaign broadcasting and user retargeting with real-time message delivery
- Designed and integrated RESTful APIs connecting frontend to Node.js and Java Spring Boot backends
- Optimized PostgreSQL schemas for campaign tracking and user interaction analytics
- Maintained productivity in distributed team environment with frequent strategic pivots

Software Developer   Dec 2021 - Sep 2023

DevelBox • Romania (Remote)

Delivered full-stack solutions including AI-powered Chrome extensions and modernized university exam platforms.

- Developed AdGognition Chrome extension with real-time AI image detection achieving >90% accuracy using TensorFlow.js

- Modernized UMF Exams platform by migrating frontend to Vue 2 + Vuetify, enabling 50% faster feature releases

- Integrated Firebase Authentication and real-time data synchronization for web applications

- Built responsive UI components using Vue 2, Vuetify, and Pinia for state management

- Deployed Python/Flask services supporting AI/ML prototypes and backend integrations

Projects

AdCognition – AI Chrome Extension   Jun 2023 - May 2025

Production Chrome extension for real-time ad detection with TensorFlow.js inference achieving 90%+ accuracy.

- Built complete AI pipeline: Python/TensorFlow training to TFJS deployment in browser

- Implemented real-time image processing and model inference in Chrome extension environment

- Deployed Flask services for model hosting and conversion with TensorBoard monitoring

Education

Bachelor's Degree in Informatics   2019 - 2022

University "1 Decembrie 1918" of Alba Iulia

GPA: 9.0/10

Skills

Mobile & Frontend Development

JavaScript (ES6+) • TypeScript • React • Vue.js • Nuxt.js • HTML5 • CSS3 • Responsive Design • Performance Optimization

Backend & Integration

Node.js • Express.js • REST APIs • Firebase Authentication • Azure • PostgreSQL • MongoDB

Development Tools

Git • Docker • CI/CD • Linux • TensorFlow.js

Languages

English   Proficient   Romanian   Native   Russian   Native