

# Lefter Sergiu

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## EDUCATION

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**University Politehnica of Bucharest:** 2024 – present  
Bachelor's Degree in Computer Engineering – Faculty of Engineering in Foreign Languages

## EXPERIENCE

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**Software Engineer — Mobile & Web,** SeaCortex – Bucharest (On-site) 03/2026 – present

- Developed cross-platform mobile applications using **React Native, Expo, and TypeScript**, implementing reusable interfaces, authentication flows, and API integrations.
- Optimized React rendering, reducing **component render counts by 35.7%** in controlled Android profiling, while improving background location tracking, offline access, and platform-specific reliability.
- Enhanced **AI-powered product workflows**, integrating streaming responses and refining content-generation pipelines through retrieval-augmented generation, automated validation, and internal tooling.

**Full Stack Developer,** Verasys – Bucharest (Hybrid) 06/2025 – 03/2026

- Developed reusable UI components from Figma designs using **Next.js, React, and Tailwind CSS**, building scalable interfaces for an e-commerce platform.
- Integrated **REST APIs and Payload CMS**, and optimized database import processes to improve data consistency and significantly reduce execution time.

## AWARDS & INVOLVEMENT

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**1st Place** – JA Innovation Camp (HP) 2026

Co-developed and presented GreenCampus, a sustainable campus concept combining an app for green activity rewards, air-quality monitoring, and a supporting business model.

**2nd Place** – Scientific Communication Session 2026

Software Engineering & AI, University Politehnica of Bucharest.

**2nd Place** – JA Innovation Camp 2025

Developed and presented an award-winning business model for a real-world economic challenge, earning 2nd place for innovation.

**Volunteer QA Moderator** – Brainly Romania 2023 – present

Supporting the platform by moderating academic content and posting quality answers for students.

**Electromagnetism Experiments Exhibitor** – Bucharest Science Festival 2022

Presented interactive experiments to the public, promoting STEM education.

**Merit Award & Participation** – Bucharest Informatics Olympiad 2021 – 2023

Honorable Mention (2023), participant for three consecutive years.

## SKILLS

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**Mobile Development:** React Native, Expo, Flutter, Reanimated, Mapbox

**Programming Languages:** TypeScript, JavaScript, Python, Dart, C, C++, Java

**Web & Backend:** React, Firebase, Next.js, Node.js, SQLite, Tailwind CSS, MongoDB, Payload CMS, Vite, HTML

**AI Integration:** LLM APIs, Retrieval-Augmented Generation (RAG), Streaming Responses