

Alexandru Soare

+0736 069 713 · alexandrusoare98@gmail.com
Bucharest, Romania

SOFTWARE DEVELOPER

Senior Software Engineer focused on building scalable products. Experienced in React, TypeScript and Python, with a strong interest in system design, software architecture and product development. I enjoy building products where simplicity, usability and innovation go hand in hand.

KEY COMPETENCIES

Python (FastAPI, Flask)

TypeScript & React

PostgreSQL & Database Design

Azure Cloud Infrastructure

REST API Design

Software Architecture & System Design

Real-Time Systems

Docker & CI/CD

Technical Leadership

PROFESSIONAL EXPERIENCE

Preset

June 2024 - Present

Software Engineer

- Full-stack product development — React, TypeScript, Redux, Python (Flask), PostgreSQL.
- Led complex features end-to-end: architecture, technical design, task breakdown and delegation within the team, development and testing.
- Resolved complex performance issues across the stack — new API endpoints, Redux restructuring and frontend data flow changes — with significant load time improvements.
- Rebuilt and modernized core UI areas: custom components developed from design specs, migration of server-rendered pages to React, and major library upgrades.

ASO Airspace Intelligence

June 2025 - May 2026

Fractional CTO

- Fractional CTO for a real-time airspace surveillance and drone detection platform serving enterprise and governmental environments.
- Designed and built the platform from the ground up: system architecture, technology selection and the core application.
- Developed the full stack — Python (FastAPI) backend, React/TypeScript frontend, and a real-time video pipeline with computer vision-based detection (YOLO) running on edge devices.
- Built and managed cloud infrastructure on Azure, including containerized deployments and IoT device connectivity.
- Own ongoing technical direction, roadmap decisions and coordination of development work.

Apache Superset Committer

December 2025 - Present

Opensource Member

- Develop and maintain core features across the platform's frontend and backend
- Review, approve, and merge community pull requests, ensuring code quality and architectural consistency
- Contribute to major roadmap discussions, technical decisions, and long-term product direction
- Improve performance, reliability, and usability across dashboarding, charting, and data-exploration workflows
- Increase test coverage and maintain CI/CD stability

Upwork

May 2022 - Present

Freelancer

- BlackPepper Capital – Developed an automated trading interface using Python, AWS, and React; contributed across frontend and backend layers in a long-term collaboration
- Dezarticulat – Revamped a WordPress-based online store: implemented SEO improvements, created new landing pages, optimized performance and UI structure.
- Asigurila – Built and maintained custom WordPress plugins for a local insurance shop; improved UX and integrated third-party APIs.
- Additional projects: Delivered 3+ short-term web development projects including responsive landing pages, site optimizations, and CMS integrations.

Volt EVSE

Jan 2021 - May 2022

IT Specialist

- Provided technical support and infrastructure maintenance for internal IT systems, ensuring minimal downtime and high performance.
- Diagnosed and resolved issues across hardware, networking, and VPN systems; implemented Windows and Linux setups.
- Upgraded servers, optimized wireless infrastructure, and maintained secure backup and firewall systems.
- Offered onboarding support and system training for new employees, maintaining user accounts and access control.

EDUCATION

Master's Degree – Advertising and Digital Communication

University of Bucharest • 2022 – 2024

Erasmus Exchange (Master's Studies)

Sapienza University of Rome • 2023 – 2024

Bachelor's Degree – International Business and Economics

The Bucharest University of Economic Studies • 2017 – 2020

CERTIFICATIONS

- Meta Frontend Developer Certificate – Meta / Coursera – 2024
- Google Ads Display Certification – Google – 2022
- Google Ads Search Certification – Google – 2022
- Google Digital Marketing Fundamentals – Google – 2019
- Cisco IT Essentials – Cisco – 2017

ADDITIONAL TRAINING

StepIT Academy

Sep 2016 – Feb 2019

Software Development Program

Structured training in programming fundamentals and web development. Covered languages and technologies such as C, C++, C#, SQL, HTML, CSS, JavaScript, ReactJS, Node.js, and more. Included both theoretical modules and hands-on project work.

LANGUAGES

- Romanian – Native
- English – Advanced (C1)
- French – Intermediate
- Spanish – Intermediate
- Italian – Beginner