Alexandru Stoica

⚲ Bucharest, Romania ✉ r.alexandru.stoica@gmail.com ▯ +40733597787 🔗 in/stoica-alexandru ☁ alexandrustoica.dev

SUMMARY

Software Engineer (4+ years) specializing in scalable backend services, cloud automation (Azure), and Fintech solutions. Experienced in API integration, system modernization, and delivering secure, robust applications in agile environments.

EXPERIENCE

Senior Software Engineer

GambIT Digital   October 2021 – Present, Bucharest

- **Architected** key loan origination and servicing components for **Sunsave Energy**'s green financing platform, supporting **5000+** loan applications within the first **6 months**.
- **Implemented** an **Azure** Functions-based queue system for legacy code migration, **increasing** system throughput by **30-50%** during peak load events like Black Friday.
- **Engineered** a reusable **KYC** flow integrating Onfido services, ensuring full regulatory compliance.
- **Developed** secure installment payment options integrating **eMag & PayU**, enhancing user satisfaction and supporting **10.000+** daily transactions.
- **Developed** a **Node.js/TypeScript** database extractor tool, **automating** data synchronization between development and production and saving **3-4 hours/week** of manual effort.
- **Provided** live support for the **Admiral Money UK** and **Sunsave Energy** core banking system by solving live real world scenarios problems.

Software Developer Intern

Tesagon   July 2021 – October 2021, Ploiesti

- **Developed** a **PHP/JavaScript** feature for user file uploads, handling **concurrent uploads** and ensuring **data integrity**.
- **Contributed** on a seamless **API integration** for Tesagon's internal toolset, reducing data retrieval time and enhancing system scalability.
- **Collaborated** with the design team to build a custom WordPress theme, delivering **100% of client requirements** ahead of schedule.

SKILLS

Domain Knowledge: Fintech, Core Banking Systems, Payment Processing, KYC Processes, Risk Analysis, SEO

Architecture & Concepts: REST API Development & Integration, Middleware, Event-Driven Architecture, Performance Optimization, Scalable Systems Design

Languages: JavaScript, TypeScript, Python, SQL, C, C++, PHP, HTML5, CSS3

Frontend: React, EJS, DevExtreme, Bootstrap

Backend: Node.js, Express.js

Cloud & DevOps: Microsoft Azure, Git, CI/CD Pipeline Automation, Build Tools, Automation Scripting

Security: API Security & Authentication, Input Validation & Sanitization, Bot Mitigation, AI Security Principles

Databases & ORMs: PostgreSQL, MongoDB, SQL, Sequelize

CERTIFICATIONS

AI Security & Governance Certification

Securiti.ai · 2025

Machine Learning Crash Course (MLCC)

Google · 2025

CS50x: Introduction to Computer Science

Harvard University · 2022

EDUCATION

Bachelor's degree, Computer Science

UPG · 2021