Alexandru Stoica

Software Engineer

👤 Profile

I'm a dedicated software engineer with over four years of hands-on experience in agile environments, where I've enjoyed tackling complex technical challenges. I've had the opportunity to work on projects ranging from modernizing legacy systems and automating cloud infrastructure to integrating secure, scalable backend services. I'm passionate about learning new technologies and keeping in touch with the software world.

💼 Employment History

Full Stack Software Developer at GambIT Digital, Bucharest

October 2021

In my role at GambIT Digital, I blend technical expertise with a passion for innovation to build and maintain robust banking solutions. I work closely with diverse teams—ranging from developers and designers to business analysts and network engineers—to ensure our applications are scalable, secure, and efficient. My work involves modernizing legacy systems, integrating essential APIs, and providing live support for complex core banking systems, all while ensuring compliance and enhancing user experience.

- **Modernization & Scalability:**
  Implemented a queue system using Azure Functions to migrate legacy code, significantly improving the system's ability to handle high-load events (e.g., Black Friday).
- **Regulatory Compliance & KYC Integration:**
  Engineered a reusable flow with Onfido services for seamless Know Your Customer (KYC) checks, ensuring regulatory compliance and streamlined user onboarding.
- **Payment Integration:**
  Developed integration with the PayU API to facilitate secure payment processing within our core banking system, enhancing transactional efficiency and customer trust.
- **Security & Data Integrity:**
  Integrated reCAPTCHA (v2 & v3) to prevent automated bot attacks and built a Node.js/TypeScript database extractor tool to maintain data consistency between development and production.
- **Middleware & Interoperability:**
  Architected a middleware solution using Apache Camel to resolve compatibility challenges between the FintechOS platform and external RESTful API providers, such as TransUnion.
- **Performance Quality & Collaboration:**
  Performance optimizations, while working hand-in-hand with cross-functional teams to align technical solutions with business objectives.

Details

Bucharest
Romania
+40733597787
r.alexandru.stoica@gmail.com

Skills

Full Stack Development

DevOps, CI/CD & Automation

API Development

Scalability & Performance Optimization

Fintech Development

Risk Analysis in Financial Systems

On-Call Support

Cloud Infrastructure

Queue Systems & Event-Driven Architecture

Pipeline Automations

Programming Languages

Javascript, Typescript, C, C++, Pyhton, SQL, GIT, PHP,

- **Live Support & Core Banking Expertise:**
  Provided live support for high-stakes projects like the Admiral Money UK initiative, where I assisted in maintaining a complex core banking system for a major UK bank, ensuring continuous operational excellence.

Project Highlights:

- **Sunsave Energy:** Contributed to the development of a green energy financing platform by architecting key components of the loan origination and servicing systems.
- **Emag & PayU:** Played an integral role in developing secure installment payment options for e-commerce, ensuring smooth integration and enhanced user satisfaction.

Software Developer Intern at Tesagon, Ploieşti

July 2021 — October 2021

At Tesagon, I gained foundational teamwork and web development experience. I collaborated with the design team to create a custom WordPress theme tailored to the client's needs and implemented a feature using PHP and JavaScript to store and process user-uploaded files.

Education

Bachelor's degree, Computer Science, UPG

2018 — 2021