Alexandros Papadopoulos

Software Engineer (Automation)

Athens, Greece | C2 English (ESB)
GitHub: github.com/jalex2003211-sudo
Portfolio: alexpcodes.com

Professional Summary

Software Engineer with enterprise experience in Java-based automation architecture within large-scale systems. Strong background in framework design, clean code principles, and system reliability. Independently design and build structured digital products with a system-architecture mindset, focusing on scalable logic, execution flow, and maintainability. Currently expanding toward Full-Stack development while maintaining a strong automation engineering backbone.

Professional Experience

Intralot — Software Engineer (Automation)

Oct 2023 – Jan 2025 | Hybrid

- Joined through internship and transitioned to full-time based on performance
- Designed and maintained scalable Java-based automation frameworks
- Refactored legacy automation structures to improve modularity and reliability
- Applied clean code principles and design patterns to automation architecture
- Contributed to regression stability and CI-integrated test execution
- Collaborated in Agile cross-functional environment

Projects

Onera — Where Connection Unfolds

Full-Stack Mobile Application (React Native, TypeScript)

- Designed custom session engine with deterministic progression logic
- Separated UI layer from core engine logic for architectural clarity
- Implemented typed models and isolated state management per session
- Built offline-first local persistence layer
- Structured application for future backend integration (V3)

StrongPasswordGenerator

C++ Utility Application

- Designed configurable password generation logic

- Applied randomness control and character-set validation
- Focused on clean algorithm separation and reliability

SoseToExamino — 30 Days Reset

Commercial Digital Execution System

- Designed structured execution framework to reduce decision fatigue
- Built centralized dashboard and strategic planning flow
- Iteratively refined system through real-world user feedback

Education & Certifications

Diploma in Web & Multimedia Application Development — Delta 360, Athens (September 2024)

Applied Artificial Intelligence Applications — Global Cert (Certification completed, official issuance pending – March 2025)

Technical Skills

Languages: Java, TypeScript, JavaScript, C++
Frontend: React Native, Expo, HTML
Automation: Selenium, Cucumber, TestNG, JUnit
Concepts: System Architecture, Clean Code, State Management, Agile