

Alexandros Kaloudis

Software Engineer

Thessaloniki | kaloudisalexis@gmail.com | [linkedin](#) | [github](#)

PROFILE

Experienced software engineer passionate about crafting clean, object-oriented code and designing concise, testable APIs. Acquired experience in diverse technologies and leveraged this knowledge to achieve even greater mastery of software engineering. Interested in Cloud-development and all related products.

RELEVANT EXPERIENCE

Msensis S.A, Thessaloniki - Mid Backend Software Engineer

August 2022 - November 2023

- Developed backend infrastructure for two major projects: the first a CRM and the second an IoT related solution using .NET Core and C# ensuring code quality and cutting down product delivery times
- Utilized ORMs like EF and Dapper contributing in the construction a clean readable codebase
- Utilized design patterns like Unit-of-Work, Service-Repository and Dependency-Injection contributing in a robust system design
- Made use of SQL server with data manipulation and database relation management, providing a clean database with clear table relations that ensures the cutting down of database related errors
- Gained experience in designing and developing microservices utilizing SOA, achieving decoupling and reusability of the components and cutting down future code production costs
- Utilized JWT tokens and Bearer Auth through working with Custom Auth server microservice resulting in building a robust security mechanism
- Leveraged RabbitMQ message broker by implementing message queuing service to stream efficiently thousands of data resulting in reducing down time of the app
- Utilized SignalR real-time messaging using Hubs to construct a resilient real-time communication line with the front-end

EDUCATION

Bachelor of Information Engineering,

OCTOBER 2018

International Hellenic University in Thessaloniki

- Relevant coursework: Programming, mathematics, network administration
- Applying problem solving skills in real-time environments through labs and projects

SKILLS

- RESTful API development
 - Knowledge of Postgres
 - Knowledge of Redis
 - Familiarity with React
 - Proficient in OOP
 - Knowledge of Java, Django (Python framework), Selenium (Python), JavaFX, Firebase
 - Familiarity with Spring Boot
 - Familiarity with MVC pattern
 - Fluent in English(B2 level)
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RELEVANT PROJECTS

- SpotFinder: An event finding app built with .NET Core and React that fetches external data using Selenium and Redis for output data caching
- ERP for an Eshop: Developed using PostgreSQL, Java, and JavaFX
- Online Card Game: Backend built with PHP, DB in MySQL, frontend using HTML, Javascript and CSS
- Travel Guide Android App: Contributed to backend development using Java, Room API, and Firestore
- Text Editor: Built a text editor based on Windows Notepad using Java and Java Swing
- Online Exam Platform: .NET Core (C#), HTML, CSS, Javascript