

Michalis Volakis

Skilled software engineer, specializing in developing modern, scalable and efficient web applications

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Experience

Java Software Engineer · **Agile Actors**

Nov 2023 — Present

Interamerican / Insurance Platform

- Part of a Scrum team responsible for the development of the core back-office insurance systems.
- Actively contributed to the entire development lifecycle, including Sprint planning, testing, deployment, and maintenance.
- Prototyped an instrumentation module for the platform, aimed at gaining performance insights and accelerating the troubleshooting process.

IT Support Engineer · **Hellenic Army**

Mar 2023 — Aug 2023

- Maintained and improved the existing IT infrastructure and provided technical assistance.
- Ensured stability of the network architecture and compliance with existing security protocols.

Back-End Software Development Intern · **Quintessential SFT**

Feb 2022 — Aug 2022

- Responsible for developing and implementing new features for a Backend as a Service (BaaS) platform, streamlining the development of self-hosted web applications.
- Utilized technologies such as gRPC, GraphQL, WebSockets, Prometheus and Grafana.
- Engineered solutions for data migration and extension of the PostgreSQL and MongoDB databases for the platform.

Education

BSc Informatics & Telecommunications

National and Kapodistrian University of Athens

Oct 2018 - Sep 2022

GPA: 7.88/10

- Worked with various programming languages such as C, C++, Java, Python, JavaScript.
- Algorithms & data structures
- Multithreading & parallel systems
- Network infrastructure & design
- Machine learning & neural networks

Projects

Ecommerce API

An Ecommerce API built with Spring Boot for handling the back-end logic of an e-shop. Provides support for secure authentication, user profiles, cart management, order processing, product search & handling.

WorkNet

A professional social networking platform developed with the MERN stack. It allows users to discover and add new places in various cities, rate businesses and connect with other users. Built with Node.js, Express.js, MongoDB, AWS SDK, Socket.IO & JWT Authentication.

Skills

Programming Languages

Java, JavaScript (ES6+), TypeScript, Python, C/ C++, Bash, HTML, CSS

Frameworks & Libraries

Spring, JPA, Hibernate, Node.js, Express.js, ReactJS, NextJS, Redux

Database Management

PostgreSQL, MySQL, IBM DB2, MongoDB, Redis

Tools & Platforms

Git, GitHub, GitLab, Docker, Postman, Apache Maven, NPM, Grafana, Prometheus, OpenTelemetry, Jira

Interests

Cryptocurrencies, Fintech, Photography, Nonfiction Reading

Languages

Greek	Native
English	Proficient (C2)
German	Intermediate (B2)