

Dimosthenis Karampinas

Software Engineer

Software Engineer residing in Athens, specialising in Full-Stack Development using Java/Spring Boot and Angular. Successfully transitioned to Software Engineering through self-directed research and formal education, with commitment to professional growth and gaining a deeper understanding of the field in mind.

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Military Service: Fulfilled

[Website](#) (github hosted)
[LinkedIn](#) (dkarampinas)
[Github](#) (@dimosthenisk)

Experience

iKnowHow S.A. — Full-Stack Software Engineer (Associate)

July 2023 - Present

My current workplace. Projects I have worked on include:

Web Application for Dynamic Form Generation through JSON (Spring Boot & Angular):

Contributed to developing a full-stack web application that allows users to view, fill, and edit forms which are generated dynamically, based on JSON-schema compliant data. Key contributions:.

- Analysed client requirements and recommended the use of the ngx-formly library as the core mechanism, optimising the technical approach
- Extended the capabilities of the ngx-formly library to support additional form actions, including stepped forms, validation, nested forms, and other advanced functionality to meet evolving client requirements
- Created detailed internal documentation in Markdown format to share project specifications and core library architectural details with the team
- Developed custom Angular components and styling using Angular Material, precisely tailoring the UI to client specifications

Internal Purchase Order Handling Application (Spring Boot & Angular):

Internal web application that handles the lifecycle of the company's purchase orders, modified wholly, to match client's specifications.

- Modified the existing Spring Boot API to align with the new workflow requirements, ensuring the backend seamlessly supported the end-to-end process
- Proactively upgraded Angular versions, as well as all dependent npm libraries, to ensure compatibility and maintain application security

Tech Stack

Languages & Frameworks: TypeScript, Angular, Java(11, 17, 21), Spring Boot, Spring Security, Spring Data(JPA - Hibernate), SQL, SCSS

Tools/ Libraries: Git, Docker, Bash, npm, Angular Material, PrimeNG, Bootstrap CSS, PostgreSQL, Firebase, Maven

Soft Skills

Fast Learner, Efficiency-Oriented, Accountable, Organised, Inquisitive

Certifications

Java - Spring -
Microservices 100-hour
training (**Code.hub**)

Java Programming
Masterclass (**Udemy**)

Angular - The Complete
Guide (**Udemy**)

Languages

English: **C2**

Greek: **Native**

Education

[MSc in Informatics,](#)
[Department of](#)
[Informatics, University of](#)
[Piraeus](#) (2021- exp.
2024)

[BSc in Economics,](#)
[University of Ioannina](#)
(2015-2021)