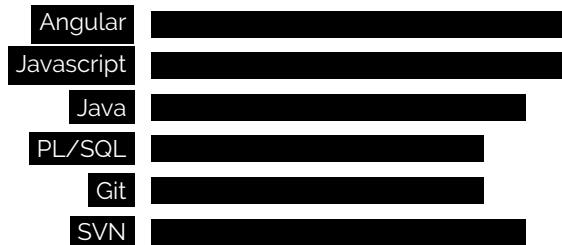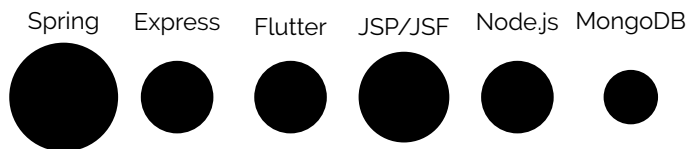# ALFONSO SICA

Sr. Lead Software Engineer

📍 Fisciano (SA) - Italy
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🎂 03/03/1993

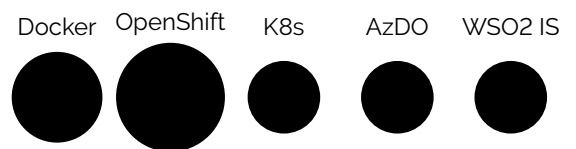in linkedin.com/alfonsosica
📞 +39 348 7443794
🚩 IT

WHO AM I?

Creative and highly organized Senior Software Engineer with a full-stack background and extensive expertise in front-end technologies. A skilled problem solver with experience throughout the entire software development life cycle, delivering technical and architectural solutions. Strong leadership and interpersonal skills, with a passion for fostering teamwork and collaboration.

Skills:
- Angular
- Javascript
- Java
- PL/SQL
- Git
- SVN

FRAMEWORKS & TECHNOLOGIES

Spring · Express · Flutter · JSP/JSF · Node.js · MongoDB

INFRASTRUCTURE

Docker · OpenShift · K8s · AzDO · WSO2 IS

EXPERIENCE

01/2023 – Present day

Team Leader/Solutions Architect/Front-end developer — Minsait

Designed and implemented a custom solution for an energy client to support energy trading and settlement operations. Developed microfront end components and integrated the system with external platforms. Responsible for managing timelines, estimating efforts, and preparing client proposals, ensuring smooth project delivery. Led technical team

`Angular 15  /  Java 21  /  RedHat PAM  /  MongoDB`

05/2022 – Present day

Team Leader/Solutions Architect/Front-end developer — Minsait

Led the design and development of an integrated management system for a client in the energy sector. Involved in requirements gathering, responsible for both hardware and software architecture, and driving front end development. Played a key role in system integration with third-party solutions. Managed a cross-functional team of developers, overseeing project estimations, proposals, timelines, release cycles, and operations.

`Angular 14  /  Java 11  /  WSO2 IS  /  SpringCloud Gateway  /  PostgreSQL  /  nginx`

02/2024 – 05/2024

Solutions Architect — Minsait

Designed the software architecture for a GIS solution to be integrated into an existing portal, overseeing the entire process from high-level design (HLD) to supervising the implementation, ensuring requirements were met, and managing the production deployment.

`Angular 16  /  Java 17  /  Spring Cloud Gateway  /  ESRI  /  Oracle`

06/2021 – 07/2023

Team Leader/Analyst/Back-end developer — Minsait

Managed the Application Maintenance and Support for an Enterprise Secure File Transfer solution. Responsible for the application handover and ongoing incident resolution. Led efforts to enhance application functionality, driving its continuous evolution to meet business needs.

`Java  /  Elaide LogosBus  /  SOAP  /  PL/SQL`

07/2021 – 11/2022

Team Leader/Analyst/Front-end developer — Minsait

Designed and developed a solution for the public administration from scratch, featuring an Angular front end, secured by WSO2 Identity Server, with a Java back end mediated by Spring Cloud Gateway. Led the end-to-end development process, including software architecture, team management, delivery planning, and environment configuration.

`Angular 12  /  Java  /  WSO2 IS  /  SpringCloud Gateway  /  PostgreSQL  /  nginx`

| 08/2019 – | **Analyst/Front-end developer** | **Indra** |
06/2021

Reimagined and re-engineered the adoption of GIS representation and map-based functionalities across multiple vertical applications.

Developed a customizable GIS framework using Esri's JS API to visualize ArcGIS server data. The interface was tailored with an HTML-CSS-JS template, enabling flexible configuration for integration into various applications. This approach ensured consistent functionality, a unified GUI, and compliance with client requirements. The solution was deployed on an Apache-powered node within the RH OpenShift container platform.

`Esri JS API 4.17 / HTML-CSS-JS / RedHat OpenShift`

08/2019 –
06/2021

Team Leader/Analyst/Front-end developer **Indra**

Developed a new web application from scratch, following the entire SDLC, for a grid asset management initiative. Chose a modern approach with an Angular front end and a microservices-based back end implemented in Java. Configured the Azure DevOps pipeline and deployed the application using an nginx-powered node for the front end and an OpenJDK-powered node for the back end. The solution was containerized and managed through the RH OpenShift platform.

`Angular 10 / Java / SpringBoot / RedHat OpenShift`

01/2018 –
08/2019

Team Leader/Full-stack developer **Indra**

Took responsibility for key functional components of the application, including the redesign of the user interface, migrating it from a standard HTML structure to a modular PrimeFaces layout. Managed and supervised a 4-person team, facilitated client communication, and produced comprehensive software documentation, covering requirement gathering, analysis, test cases, and user manuals. `JSF / Java / Oracle / Apache Maven`

10/2017 –
01/2018

Full-stack developer **Indra**

Contributed to the software development, support, and evolution of an AMS grid project.

Developed microservices, RESTful APIs, PL/SQL procedures, triggers, and jobs, alongside new features and improvements for a Spring-based web application. Managed code versioning through SVN, enhancing branch management processes. Implemented continuous integration and deployment using Hudson-Jenkins, and oversaw production deployments and ongoing application support.

`JSP / Java / Oracle / Apache Ant`

EDUCATION

2015 – 2018 **Bachelor's Degree in Computer Science**
Università degli Studi di Salerno

LANGUAGES

Italian - native
English - proficient

SKILLS

PROFESSIONAL

High technical knowledge of the system/project.
Advanced in environment configuration and deployment.
High understanding of system functionalities and business requirements.
High experience in project management and planning methodologies.
Ability to work autonomously, taking responsibility and approaching tasks with creativity.

PERSONAL

Proactively **collaborate** and **support** others in achieving common goals and project milestones.
Effectively **organize** team activities to align with project timelines and deadlines.
Monitor and **oversee** team progress to ensure tasks are completed on schedule and to the highest standards.
Strong willingness to learn, grow, and continuously evolve in a dynamic environment.

TECHNICAL

Able to check that the infrastructures cover the requirements of the project.
Manage and oversee production deployments.
Design technical solutions based on project specifications and plan.
Identify hardware and software requirements.
Select appropriate tools and standards, adapting methodologies to the project needs.
Contribute to defining project functionalities with the stakeholders.
Monitor project progress, proactively managing deviations and taking corrective actions.
Monitor the project and make decisions to manage deviations.
Identify opportunities for improvement and drive the implementation of enhancements.
Propose practical and innovative solutions to address technical challenges.