Mario Di Modica

[LinkedIn](#) | [GitHub](#) | [Website](#)

Location: Pisa, Italy
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Front-End Software Engineer with deep expertise in Angular, RxJS and Signals, crafting scalable and performant web applications. Also exploring React and modern UI technologies.

EXPERIENCE

OneTag   Pisa, Italy
Software Engineer   Jul 2025 – Present
Angular, Java Spring Boot, AWS, Docker, Git

- Developed and maintained Front-End components for a programmatic advertising platform
- Enhanced UX by applying design best practices to create accessible and visually engaging interfaces.

NTT DATA   Pisa, Italy
Software Engineer   Mar 2024 – Jul 2025
Angular, Java Spring Boot, PostgreSQL, MongoDB, Docker, Git

- Led the frontend development of a major green computing project (working in an English-speaking team environment) focused on carbon emissions calculation and reduction.
- Refactored an app from Angular 2 to Angular 18 with SSR, improving performance from 20% to 90%.
- Worked closely with UX/UI designers to implement pixel-perfect Figma designs.
- Played a key role in a competitive project for a major client, collaborating with another company.

Sonatrach   Siracusa, Italy
Software Engineer Intern   Jul 2023 – Oct 2023
Angular, ASP.NET Core, Microsoft SQL Server, Git

- Curricular internship with the aim of developing a multi-user Web App that allows the management and visualization of some important values taken from the refinery plants

EDUCATION

University of Pisa   Pisa, Italy
Bachelor's degree in Computer Science   Sep 2020 – Oct 2023
100/110

- Best Marks: **Artificial Intelligence**: 4.0 GPA cum laude, **Web Scraping**: 4.0 GPA, **Web App Development**: 4.0 GPA, **Linear Algebra**: 4.0 GPA

PROJECTS

GymBro   *React Native, Go, PostgreSQL, Docker, Git*

- Fitness tracking app re-builded natively, with a custom UI component library with a modern look and improved UX
- Designed a new backend infrastructure in Go (made by the other team member), containerized with Docker and connected to PostgreSQL, enabling better performance, scalability, and local development setup

GymBro PWA   *Angular, Bootstrap, Firebase, Git*   [Source Code](#)

- [Legacy](#) Fitness tracking web app (PWA) designed for those who work out in the gym. Optimized UX with compatibility across all devices, works also offline and is installable
- Share your training programs with your friends, create them from zero and monitor your workouts

SKILLS

Tech Stack	:	Angular, Java Spring Boot, PostgreSQL, Git
Languages	:	English (B1 Preliminary), Italian (Native)