

# Mario Di Modica

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

Location: Pisa, Italy

Email: [mariodimodica.01@gmail.com](mailto:mariodimodica.01@gmail.com) | Mobile: +39 331 832 5722

**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

### NTT DATA

Software Engineer

Angular, Java Spring Boot, PostgreSQL, MongoDB, Git

Pisa, Italy

Mar 2024 – Present

- 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

Software Engineer Intern

Angular, ASP.NET Core, Microsoft SQL Server, Git

Siracusa, Italy

Jul 2023 – Oct 2023

- 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

Bachelor's degree in Computer Science

100/110

Pisa, Italy

Sep 2020 – Oct 2023

- 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-built 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

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

### LoveJob

Angular, .NET, Microsoft SQL Server, Bootstrap, Git

[Source Code](#)

- Simplify job seeking. Users can search for their dream job with a map that shows up open positions near them
- Company can create open position offers, and users can contact them via chat or add specific position to favorites

## SKILLS

**Tech Stack** : Angular, Java Spring Boot, PostgreSQL, Git

**Languages** : English (B1 Preliminary), Italian (Native)