

# Marco Ladeira

## Software Engineer/Computer Scientist

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🌐 <https://www.linkedin.com/in/marco-ladeira/> 🐙 [github.com/fristtysteam](https://github.com/fristtysteam)

### Profile

Recent **BSc (Hons) Software Development** graduate with a passion for building scalable, secure applications. **Experienced in full-stack development** using React, Python, and Java, as well as mobile app development with Ionic and Swift. Demonstrated **ability to collaborate and deliver high-quality projects**, including the *ORO Patient App* presented at the DKIT Computing Expo 2025. **Motivated, adaptable, and eager** to contribute innovative solutions in a dynamic tech environment. Seeking a role in a forward-thinking company that values technical growth, collaboration, and cutting-edge development.

### Education

**BSc (Hons) in Computing in Software Development**  
*Dundalk Institute of Technology*  
09/2024 – 05/2025  
Upper Second Class (2.1) Honors

**BSc in Computing**  
*Dundalk Institute of Technology*  
08/2021 – 05/2024

### Skills

**Front-End Development** (HTML, CSS, JavaScript, REACT, Ionic, Vue, Angular)

**Back-End Development:** (C#, C++, ASP.NET, Python, PHP, Laravel, JAVA)

**Mobile Development** (iOS/Swift + Android)

**Software Development & Programming:**  
(Object-Oriented Programming, Data Structures, Software Testing)

**AI** (Neural Networks, Machine Learning, Data Analysis)

**Software Security** (Modern authentication mechanisms, Implementing modern security patterns and practices, Adhering to the latest security standards)

**API Development** (REST, SOAP, Third-party API integration)

**Database Development** (MySQL, SQLite, GO, PostgreSQL)

**Version Control** (Git, GitHub, Azure DevOps)

**Soft Skills** (Teamwork, Communication, Leadership, Time Management, Interpersonal Communication)

### Professional Experience

**Software Developer - ORO (Dkit)**  
2024 – 2025  
Sole Developer of the ORO Patient App

**Software Engineer - MaLi IT**  
2024 – 2025  
Freelance Software Developer for Startup

**Staff Member - Rum House / Ridleys**  
2021 – 2023  
Staff Member

### Projects

**ORO**  
*Patient App for the Smart Pill Dispenser*  
Developed a Patient Mobile App leveraging technologies such as *IONIC, JavaScript, CSS, Go, React, and Python*.  
Publically Demonstrated the App at **DKIT COMPUTING EXPO 2025**

**Achievr App**  
*An IOS app for tracking goals and User progress*  
Used *Swift and GRDB SQLite*

**Mali IT (Startup)**  
*Tech solutions company*  
Front-End Development skills such as *Html, Css, JS*, were used. Back end coding with *JAVA*

**Galaxy Explorer**  
*Virtual Reality Game*  
Made using *Unity and C# Scripting*

**Art Gallery**  
*Web Project*  
Website made using *PHP, JAVA, Css, MYSql*, includes *SOAP, Rest Api and third party API Integration*

### References

**Michelle Grahan**, Lecturer at Dkit  
[michelle.graham@dkit.ie](mailto:michelle.graham@dkit.ie)

**Peter Gosling**, Lecturer at DKIT  
[Peter.Gosling@dkit.ie](mailto:Peter.Gosling@dkit.ie)

**Muhammad Adil Raja**,  
Postdoctoral Researcher at DKIT  
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**More Available Upon Request**