✆ *+351 91 955 2453*
✉ *prof.fernando.luz@gmail.com*
☏ *tbd*
in *fluz*
⌗ *fluz*
🐦 *fluz*

Fernando Luz

About me

With over **16+ years** of experience in software development, I've evolved from a proficient Software Engineer into an accomplished **Engineering Manager**. My journey has encompassed a wide array of projects and industries, from startups to oil and gas companies, educational institutions, and research labs.

As a **self-driven**, **quick learner**, and **top-notch coder**, I firmly believe in the importance of **knowledge sharing** and consistently promote **clear**, **high-quality coding**, and **best practices**. My transition to the Engineering Manager role reflects my passion for **talent development**, driving **impactful projects**, and contributing to **organizational success** at the intersection of technology and engineering.

Experience

2022 - Present .

I've overseen a broad portfolio, including products like **Healthcare Experience Cloud**, **Automated Notifications**, and **Agent Flows**, along with the **QA team**. I've had the privilege of leading and mentoring a team of **10+ Individual Contributors**, ranging from entry-level professionals to team leads.

2021 - 2022 .

Integrated a new team from the ground up to create a new solution for banking financial services. The tech stack in this project uses **Kotlin**, **SpringBoot**, **React**, **Redis**, **PostGres SQL**, **MongoDB**, and **RabbitMQ**.

2018 - 2021 .

Started the **ASML** project, where I contributed to the new lithography machine generation project. I led the Portugal team to expand unit test implementation with a framework based on **gtest** and implemented the **Variant Pattern** in a robot component. I also was one of the founders of the Meetup internal group in Altran PT.

2016 - 2018 .

I led a team in charge of implementing new features for the **Technomar Maritime Simulator** used in training activities. I initiated the certification plan with DNV GL agency and contributed to the core of the hydrodynamic numerical model. Additionally, I fostered best practices in software development, including the use of **Scrum**, **Test-Driven Development**, **Git**, and conducted mentoring sessions to enhance team knowledge.

2008 - 2016 .

In the TPN laboratory, I developed **High-Performance Computing** applications using **C++/C**, **Python**, **MPI/sockets**, and **bash** in Linux and Windows. I also handled testing, optimization, parallel improvements, and integration with other projects. Additionally, I contributed to the creation of **SMH**, a finalist for the 2016 ANP Prize Award for Technological Innovation.

2011 - 2016 .

Teaching-related responsibilities such as giving lectures, tutoring, managing homework, laboratory activities, exam preparation, and grading.

Education

2015   .

2010   .

2006   .

Other courses

Languages

Random achievements and anecdotes