



Personal Profile

- Driven IT professional with a great pride in my work.
- Proactive in using technology to solve complex problems, fostering a growth mindset, and aligning myself with project / team goals.
- Known for being responsible, proactive and autonomous with strong multitasking and organization skills.

• **Email:** antoniopalma9999@gmail.com

• **Phone:** +351 924 288 889



Professional Experience

- **Junior Developer PDMFC**
(Portugal, England, Greece) | **August 2024 – present**
 - Working on Horizon Europe Research & Innovation Programme,
 - Development in .NET,
 - PostgreSQL database,
 - JavaScript, CSS and HTML, WebGL based frameworks,
 - Linux Server (Systemd, Apache, proxy),
 - Development with Linux OS,
 - Development of Continuous Integration / Deployment in GitLab.
- **Junior Developer EMEL**
(Empresa Mun. de Mobilidade e Estacionamento de Lisboa)
Lisbon (Portugal) | **September 2023 – June 2024**
 - Worked with C#, with ASP .NET, Razor Pages, JavaScript, HTML, CSS,
 - Microsoft Azure DevOps for repository management and code reviews,
 - Python scripts for data analysis,
 - Django Framework,
 - PostgreSQL and small amount of SQL (Data base Management).
- **Operational Control Center / Technician Bike sharing Network EMEL** (Empresa Municipal de Mobilidade e Estacionamento de Lisboa)
Lisbon (Portugal) | **June 2020 - August 2023**
 - Management of Bike Sharing System in Lisbon,
 - Excel experience for spreadsheets, analyzing / visualizing patterns,
 - Python for data management and filtering.
- **Mechanic / Maintenance of Lisbon public Bike sharing Network SIEMENS** (Siemens mobility) Lisbon (Portugal) | **October 2018 - June 2020**
- **Sports Seller – Costumer Service**
DECATHLON Sintra (Portugal) | **August 2017 - August 2018**



Academic Path

- **Degree in Computer Engineering**
 - Universidade Autónoma de Lisboa (UAL) / CEU Group
 - Course grade average:
 - E.U. – 16.25 / 20 (Very Good)
 - U.S. – 3.6 / 4.0 GPA (B+)
- **Capstone Project (UAL)**
 - Development of a BackOffice web app for data management designed for the University of São Paulo, Brazil
 - React and TypeScript
 - Prisma Studio with PostgreSQL and Vercel used for Deployment



António Palma

06-1999 Portugal



Core Tech Skills

Back End

- C# (2 year)
- .NET (2 years)
- PostgreSQL (2 years)
- RESTful API development

Front End

- JavaScript (2 year)
- HTML / CSS (2 year)
- TypeScript
- jQuery
- React

Frameworks

- ASP.NET (2 year)
- .NET Core (2 year)
- Bootstrap
- Java Spring Boot
- Django

Tools and more

- Git
- Visual Studio
- Visual Studio Code
- NetBeans
- NodeJS
- GitLab
- Microsoft Azure
- Swagger Documentation
- AWS
- MongoDB

Operating Systems

- Linux
- MacOS
- Windows

More experience

- Microsoft Excel
- Microsoft Visio
- Microsoft 365
- Azure DevOps

ROBUST (Ubiquitous eHealth Solution for Fracture Orthopedic Rehabilitation) | **August 2024–Present**

ROBUST is a Horizon Europe-funded research project. It focuses on developing a cutting-edge mobile eHealth system that uses radio-frequency sensing technology to monitor the healing process remotely.

- As a **Junior Developer**, I work autonomously and remotely, and periodically in the partner country of the project, I develop with my colleagues, superiors and international teams. My work consists of connecting every part of the project together to a common Software Interface. Communication and collaboration skills are a big part of my daily work. I develop in full stack from front-end to Backoffice, authentication, deployment, CI/CD, and Linux server.
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HURRICANE (Heat Upgrade and Recovery Innovative Circular Advanced Network Ecosystem) | **February 2024–Present**

HURRICANE is a Horizon Europe-funded project focused on improving sustainability and climate resilience in cities and coastal areas. It develops smart solutions for waste heat recovery.

- My role as a **Junior Developer**, I am responsible for the development of a browser-based online board game, that explains, engages and educates stakeholder's. I use WebGL-based Phaser framework for the game logic, JavaScript for client-side API calls. On the backend, I develop RESTful APIs using .NET 8.0 for the backend logic. SignalR used to maintain WebSocket connections open in specific sessions, to allow multiple instances of the game. I handle also JWT's for user authentication and encryption to the database (PostgreSQL) of specific player and game related data.
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EMEL (Empresa Municipal de Mobilidade e Estacionamento de Lisboa) | **September 2023–June 2024**

EMEL is a public company in Lisbon responsible for managing mobility and parking in the city. Its main goals are to promote sustainable urban mobility, improve traffic flow, and ensure efficient use of public spaces. EMEL oversees parking regulation, shared mobility services, and initiatives that encourage environmentally friendly transportation, such as cycling and electric vehicles.

- As **Junior Developer** at EMEL, my experience was focused on knowing and getting up to speed with many projects and workflows. I worked closely with Senior Data Scientists on big data migrations with very sensitive information RGPD.
 - I got the opportunity to learn about computer networking, firewalls, under the guidance of a Senior Network Manager, and followed the modernization of on premises Data Centers to a Cloud Service.
 - With Senior guidance from a Developer, I proactively created new functionality on old applications to fix workflow issues.
 - Being taught and accompanying various projects from different fields, gave me a valuable perception of the scale of the IT field and how everything connects.
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EMEL (Empresa Municipal de Mobilidade e Estacionamento de Lisboa) | **June 2020–August 2023**

- In my early years at EMEL, I worked on the GIRA Bicicletas de Lisboa project as a Technician. Although not directly related to IT, this is where I developed the bulk of my power skills.
- I worked alongside a team composed mostly of ex-military personnel or much older coworkers, performing tasks as a mechanic, bike station repair technician, and, most importantly, as a control center technician. As a CCT, I managed a team of 5 to 9 people, setting tasks, milestones, and priorities to ensure the highest number of bicycles were available in the network.
- Working in this on-field environment, I developed skills that helped me manage and deal with challenging individuals and defuse complicated situations while staying focused on the goal. I consider this my personal project at positive character-building experience and an important step in gaining responsibility in my career so far.