



Bernardo Mamede

Place of birth: Bragança, Portugal | **Nationality:** Portuguese | **Phone number:**
(+351) 932960168 (Mobile) | **Email address:** dev.mmd2@gmail.com | **Website:**
<https://motcho.pt/>

ABOUT ME

A self-driven individual with the ability to adapt easily to new environments, focused on delivering quality products to customers, bringing to the table a deep understanding of backend development and how it connects to other parts of the software development process.

WORK EXPERIENCE

03/2023 – CURRENT
FREELANCER

Reach out to small companies and website owners with proposals to solve real-world problems, from fixing a simple WordPress UI bug to building a full-stack application.

Project for Konig Modulo Portugal (3 Months)

- Plan, Design, Develop, Test and Implement a BI dashboard, a Back office and a database.
- By using a Django app to feed the database and a PowerBI dashboard to consume it, combined with a deep understanding of the business logic, I **replaced a repetitive and exhausting Excel-based process** with a user-friendly interface that boosted the production leader's productivity by 2 hours per day.

Projects with Inforestácio (3 Month)

- **Automation** of daily tasks with SQL reusable queries and php scripts.
- Design, Develop, Test and Deploy **Webpages and Ecommerce's** with Wordpress, MariaDB and CPanel
- **Fix** Bugs in the UI, backend and database of many projects developed and maintained by the company.
- [Inter crédito](#) | [Cacisport](#)

Project for Restaurante Rodízio Macedo (8 Month, still developing now)

Designed and developed a scalable **e-commerce-like mobile application**, along with a **back-office system** for the management team.

- Planned, designed, developed, tested, and implemented a **full-stack web application** for back-office operations, enabling the management of critical data essential for the mobile application's functionality using Django.
- Built and deployed a **REST API** with Django Rest Framework to support the mobile application, ensuring seamless data exchange.
- Developed a **mobile application** with a focus on usability, performance, and scalability using .NET MAUI.
- Implemented key features such as a push notification system, email service, OAuth and standard authentication following industry security best practices, business news section, shopping cart, dish management (including "Dish of the Day"), and a points-based rewards system.

26/06/2023 – 26/06/2024

MACHINE OPERATOR KONIG MODULO PORTUGAL

- In just 3 months, I became the operator with the **highest productivity values** in the company's history, eventually taking responsibility for training new employees and overseeing the first phase of the production line.
- After 8 months, with an **intrapreneurial mindset**, I presented productivity insights to the administration board, which led to my first major freelance project.

EDUCATION AND TRAINING

24/09/2019 – CURRENT

BACHELOR'S DEGREE IN MANAGEMENT INFORMATICS Instituto Politécnico de Bragança

Website ipb.pt

● SKILLS

Programming Languages, Frameworks, Software and Others

Languages: Python | C# | SQL | Java
Frameworks: Django (DRF) | .NET (ASP.NET MVC, EF, MAUI) | Bootstrap
Software: git | Docker | Postman | Postgres | SQL Server
Cloud Services: Railway | Azure | CPanel | AWS (S3 Bucket)
Low Code: PowerBI | Wordpress

● PROJECTS

My Projects

DataMotive: Django-based Inventory Management System simplifies tracking products, stock, and transactions through a user-friendly interface. It features CRUD operations, real-time stock updates, and a dashboard displaying KPIs via Chart.js, with user authentication and PostgreSQL for data storage. The system is containerized using Docker and employs HTML, Bootstrap, CSS, and JavaScript for the frontend.

Product API: Built with ASP.NET Core, offers a comprehensive solution for managing products, users, and authentication. It utilizes Dapper and Entity Framework for flexible database interaction, supports secure user authentication with JWT tokens and PBKDF2 password hashing, and includes CRUD operations. Key technologies include AutoMapper, Azure Data Studio, Postman, and Azure as the database platform.

Sales Data Analysis: A sales data analysis project built using Python, focusing on data manipulation and visualization, includes functionalities such as exporting the results to Excel with embedded charts. The key libraries utilized are Pandas for data analysis and Matplotlib for visualizations.

Social Network App: A project that implements some aspects of the Clean Architecture and OOP design patterns.

● LANGUAGE SKILLS

Mother tongue(s): **PORTUGUESE**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	A2	A2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user