

# Marcos Amorim

mamorim@outlook.com

## Personal statement

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A conscientious and professional person with extensive experience in development and support in IT. More than 15 years of experience working with development and tests for internal R&D and for external clients on different languages and environments.

Recent achievements with my actual employer include development of API using Django and REST framework to be used mostly by a frontend interface (developed in React) to allow our clients to customise and have all features needed on our platform.

Other recent achievements from my previous employer includes QA of websites using Wagtail and Django frameworks, creating and executing automated tests, and also creating the infrastructure using Docker and Kubernetes on AWS and Azure platforms. Have some strong background experience in development, ranging from C language used in microcontrollers to Desktop applications, including Linux, and MySQL and PostgreSQL Databases.

## Key Skills

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- Python, Django and Wagtail.
- C language on embedded systems, microcontrollers and Linux environments.
- CI/CD tools (Jenkins, GitHub Actions)
- MySQL and PostgreSQL Databases.
- Multilingual (Portuguese/English)

## Relevant Employment History

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### Web Developer, Rock Kitchen Harris, Leicester - UK

*(June 2022 – June 2025)*

Achievements and responsibilities:

- Development and maintenance of websites using Wagtail and Django Frameworks.
- Create infrastructure to host websites using Docker and Kubernetes on AWS.
- Configuring and maintaining Jenkins and GitHub Actions for CI/CD.
- Support clients from a range of different projects with site maintenance and usage.
- Working with public sector clients.
- Unit tests, QA,

### API Developer, Crowdcomms, UK

*(February 2021 – June 2022)*

Achievements and responsibilities:

- Development of internal and external apis for our software using Django and REST Framework.
- Monitoring traffic and other basic operations on AWS.
- Helping maintain the application hosted in Fargate.
- QA and review PRs from other developers of my team.
- Implement and develop new features for the platform, fixing bugs.

## **Software Engineer, Lockwood Publishing, Nottingham - UK**

*(February 2020 – February 2021)*

Achievements and responsibilities:

- Development of internal apps, libraries, tests and new tools to assist existing apps.
- Most development is done in Python and Lua languages.

## **Web Developer, Rock Kitchen Harris, Leicester - UK**

*(August 2016 – February 2020)*

Achievements and responsibilities:

- Development of websites using Wagtail and Django Frameworks.
- Create infrastructure to host websites using Docker and Kubernetes on AWS and Azure
- Creation of automated tests using Selenium.
- Support clients with site maintenance and usage.

## **Python Developer, WirelessThings, Nottingham - UK**

*(April 2015 – August 2016)*

Achievements and responsibilities:

- Development of firmware for sensors.
- Development of applications to interface with the mentioned sensors.

## **C Developer, TASC, São Paulo - Brazil**

*(June 2013 – July 2014)*

Achievements and responsibilities:

- Development of middleware to routers using LUA, C and ActionScript.
- Head of certification from the equipment to meet the requirements in Brazil.
- Field tests of long and mid-range Wi-Fi antennas.
- Responsible for the contact with the main company in the US and the manufacturer in China.

## **Developer, Samsung SIDIA, São Paulo - Brazil**

*(July 2011 – September 2012)*

Achievements and responsibilities:

- Development of middleware GingaJ (Java based) for DTVi standard.
- Development in Java language.
- Tests and analysis of performed implementations.

## **Developer, IBOPE Pesquisa de Midia, São Paulo - Brazil**

*(April 2009 - October 2010)*

Achievements and responsibilities:

- Development of softwares for Linux in C/C++ language using MySQL Server.
- Middleware development of set-top boxes that are used for audience measurement.

## **Education**

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### **FTT - Faculdade de Tecnologia Termomecanica - Brazil**

*(July 2005 – June 2008)*

- Degree in Analysis and Development of Systems.