

MARCOS AMORIM

Senior Python Developer (Django / Wagtail / APIs)

Leicester, UK | Right to work in the UK (**Settled Status**) | Email: mamorim@outlook.com

Portfolio: mamorim.dev | GitHub: mamorim.dev/github | LinkedIn: mamorim.dev/linkedin



SUMMARY

Senior Python developer with 15+ years building web platforms and APIs (Django, Wagtail, DRF/FastAPI), including test automation and production operations. Strong end-to-end delivery: backend development, integrations, and reliable releases using Docker/Kubernetes and CI/CD (Jenkins, GitHub Actions). Experience across AWS/Azure; earlier background includes embedded C and Linux systems.



CORE SKILLS

Backend: Python, Django, Wagtail, Django REST Framework, REST APIs, FastAPI

Data: SQL, PostgreSQL, MySQL, SQLAlchemy, migrations

DevOps/Delivery: Docker, Kubernetes, AWS, Azure, CI/CD, Jenkins, GitHub Actions

Ways of Working: Agile (Scrum), JIRA

Engineering Practices: SOLID, Clean Code, OOP, Design Patterns, Refactoring, API Design, Code Review, Microservices

Quality: Unit testing, test automation (Selenium), QA collaboration

Other: C (embedded/Linux), Lua, Shell Script, Java; Portuguese/English



EXPERIENCE

Web Developer — Rock Kitchen Harris | Leicester, UK (Remote) | Jun 2022 – Jun 2025

- Owned end-to-end delivery of Wagtail/Django websites for multiple client accounts—from requirements through release and support.
- Built new features and content workflows, prioritising clean, maintainable code and reusable patterns.
- Supported production on AWS, operating Docker/Kubernetes deployments and ensuring stable, repeatable releases.
- Improved delivery automation via CI/CD pipelines (Jenkins, GitHub Actions), reducing manual build/test/deploy steps.
- Increased quality through unit tests, QA and peer review, shipping changes safely and predictably.
- Managed priorities with stakeholders (internal + clients) across public, private, and NGO projects.

Tech: Backend: Python, Django, Wagtail | Cloud/DevOps: AWS, Docker, Kubernetes | CI/CD: Jenkins, GitHub Actions

API Developer — Crowdcomms | Dorset, UK (Remote) | Feb 2021 – Jun 2022

- Designed and delivered REST APIs with Django REST Framework for internal and external consumers.
- Implemented and maintained API behaviour (validation, permissions, backwards-compatible changes) to support product needs.
- Supported AWS production operations: monitoring, incident triage, and performance investigations.
- Contributed to services running on AWS Fargate; delivered features/bug fixes and reviewed PRs.

Tech: Backend: Python, Django, Django REST Framework | Cloud/Runtime: AWS, Fargate

Software Engineer — Lockwood Publishing | Nottingham, UK (Remote) | Feb 2020 – Feb 2021

- Built internal apps, shared libraries, and automation tooling to support existing products, delivering features and tests in Python and Shell Script.

Tech: Python, Shell Script

Web Developer — Rock Kitchen Harris | Leicester, UK | Aug 2016 – Feb 2020

- Developed Wagtail/Django websites, implementing new templates, features, and content components.
- Built deployment infrastructure using Docker and Kubernetes across AWS and Azure to standardise environments and releases.
- Created and maintained Selenium UI test suites to validate critical user journeys and reduce manual QA.
- Provided client support for maintenance and CMS usage, troubleshooting issues and guiding day-to-day updates.

Tech: Backend: Python, Django, Wagtail | Testing: Selenium | Cloud/DevOps: AWS, Azure, Docker, Kubernetes

Python Developer — WirelessThings | Nottingham, UK | Apr 2015 – Aug 2016

- Improved sensor firmware and companion applications to interface with devices and support testing/diagnostics.

Tech: Python | Embedded systems

EARLIER CAREER

C Developer — TASC (São Paulo, Brazil) | Jun 2013 – Jul 2014

- Built router middleware and supporting tooling (Lua/C/ActionScript), including device certification, field testing, and supplier liaison.

Developer — Samsung SIDIA (São Paulo, Brazil) | Jul 2011 – Sep 2012

- Developed and tested GingaJ (Java) middleware for the DTVi standard, including analysis and validation.

Developer — IBOPE Pesquisa de Mídia (São Paulo, Brazil) | Apr 2009 – Oct 2010

- Enhanced Linux C/C++ software backed by MySQL for set-top box middleware used in audience measurement.

PERSONAL PROJECTS

URL Shortener (FastAPI) — rdrt.me/docs

- FastAPI-based URL shortener service with redirects, click tracking, and OpenAPI docs.

Auth Service (FastAPI) — auth.rdrt.me/docs

- Standalone auth service with JWT login and /me endpoint to support multiple services.

Angular Frontend — app.rdrt.me

- Angular UI integrating multiple backend services (auth + shortener); token handling via interceptor.

EDUCATION

FTT - Faculdade de Tecnologia Termomecanica (Brazil)

Degree in Analysis and Development of Systems | Jul 2005 – Jun 2008