

MARCOS AMORIM

Senior Python Developer (Django / Wagtail / APIs)

Leicester, UK | mamorim@outlook.com

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



SUMMARY

Python/Django/Wagtail developer with 15+ years building web platforms, APIs, test automation and production operations. Experienced delivering client-facing features end-to-end (backend + integrations) and supporting modern delivery practices (Docker, Kubernetes, CI/CD). Background also includes embedded/C and Linux systems.



CORE SKILLS

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

Data: PostgreSQL, MySQL, SQLAlchemy, SQL Language, migrations

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

Quality: Unit tests, QA, Selenium (automation), peer-review

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



EXPERIENCE

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

- Built and maintained client websites using Wagtail and Django.
- Delivered features across multiple client projects, including public sector, private sector and NGOs..
- Designed and operated containerised deployments using Docker and Kubernetes on AWS.
- Configured and maintained CI/CD pipelines (Jenkins and GitHub Actions).
- Contributed to quality practices: unit tests, QA, peer review.

Tech: Python, Django, Wagtail, Docker, Kubernetes, AWS, Jenkins, GitHub Actions

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

- Developed internal and external APIs using Django REST Framework.
- Supported production operations on AWS; monitored traffic and basic platform metrics.
- Collaborated on services hosted on AWS Fargate.
- Reviewed PRs and delivered new platform features and bug fixes.

Tech: Python, Django, Django REST Framework, AWS, Fargate

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

- Built internal apps, libraries and tooling to support existing products; delivered features and tests primarily in Python and Shell Script

Tech: Python, Shell Script

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

- Developed websites using Wagtail and Django.
- Created infrastructure for deployments using Docker and Kubernetes on AWS and Azure.
- Created and maintained automated UI tests using Selenium.
- Provided client support for site maintenance and usage.

Tech: Python, Django, Wagtail, Selenium, Docker, Kubernetes, AWS, Azure

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

- Developed firmware for sensors and built companion applications to interface with devices.

Tech: Python, Embedded systems



EARLIER CAREER

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

- Router middleware (Lua/C/ActionScript), device certification, field testing, and supplier liaison.

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

- GingaJ (Java) middleware for DTVi standard; development plus testing/analysis.

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

- Linux C/C++ software with MySQL; middleware for set-top boxes used for audience measurement.



PERSONAL PROJECTS

URL Shortener (FastAPI) — Docs: rdrt.uk/docs

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

Auth Service (FastAPI) — Docs: auth.rdrt.uk/docs

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

Angular Frontend — Live: app.rdrt.uk

- Angular UI for authentication and shortening workflow; token handling via interceptor.



EDUCATION

FTT - Faculdade de Tecnologia Termomecanica (Brazil)

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