MARTIN BUGIERA

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Derby, UK

RESTful API Engineer | Python (FastAPI) | PHP (Laravel)

Microservices, Cloud Integrations, DevOps

PROFESSIONAL SUMMARY

Backend Developer with 22+ years of experience across the full technology stack – from API architecture to mobile apps and UI/UX design. Specialized in building secure, high-performance RESTful APIs using Python (FastAPI) and PHP (Laravel), with expertise in microservices, Docker, and cloud integrations.

SELECTED PROJECT

WMSView – real-time operations platform for logistics

Self-initiated, designed and built single-handedly · Python, FastAPI, PostgreSQL, Redis

- **Driver checks ~8× faster:** ~4 min → ~30 s per driver; a team of 10 in ~5 min instead of ~40, with a live view refreshed every minute.
- **18 modules in one system:** live shift flow, KPI and performance analytics, automatic detection of idle time, vanished tasks and wrong-lane pallets.
- **Acts on the WMS, not just reads it:** HOLD, RELEASE, operator and priority changes via a job queue, with server-side permissions and full audit; security audits completed.
- **Started with Label Creator (2024):** automated part of the WMS data gathering for labels and QC sheets – from ~200 to up to ~1,600 pallets per admin per shift.

Full product overview: bugiera.com/wmsview.html · live demo on request.

KEY SKILLS

API DEVELOPMENT

FastAPI • Laravel • Lumen • RESTful API • Swagger/OpenAPI • Microservices

BACKEND

Python • PHP • PostgreSQL • MySQL • Redis • Celery • SQLAlchemy

CLOUD

Firebase • Google APIs • Twilio • FastSpring • AWS

TESTING

pytest • PHPUnit • Unit Testing • TDD • Code Review

AUTHENTICATION

JWT • OAuth2 • Passport • RBAC • Token Auth

DEVOPS

Docker • Docker Compose • CI/CD • Linux Administration

FRONTEND & MOBILE

Vue.js 3 • Node.js • Android • Java • Kotlin • Retrofit2

TOOLS

Git • Agile/Scrum • API-First Development • Performance Optimization

PROFESSIONAL EXPERIENCE

Team Leader

A.P. Moller - Maersk May 2026 - Present • Derby, UK

- Lead a shift team of 10–12 people in logistics operations.
- Designed and built WMSView for the shift (see Selected Project).

Python | FastAPI | PostgreSQL | Redis | WMS Integration | Team Leadership

Administrator

A.P. Moller - Maersk Jun 2024 - May 2026 • Derby, UK

Operations administration in logistics. Built Label Creator on my own initiative, cutting the WMS exports needed for labels and QC sheets; shared with other shifts.

Python | FastAPI | Automation | Logistics

Senior Backend API Developer (Python FastAPI)

Contract Project 2023 - 2025 • Derby, UK

Developed production-ready FastAPI backend with enterprise-grade authentication (JWT, OAuth2, RBAC). Built async notification system with Celery + Redis. 85%+ pytest coverage.

FastAPI | Python | Celery | Redis | Docker | PostgreSQL | JWT | pytest

Android Developer

FastWebsite Aug 2023 - May 2025 • Derby, UK

Creating and developing mobile applications for Android. Integration with Firebase, RESTful API, Google Services.

Android | Java | Kotlin | Retrofit2 | Firebase

Full Stack Developer (Laravel 10 & Vue.js 3)

FastWebsite Aug 2022 - Aug 2023 • Derby, UK

Designing RESTful API interfaces using Laravel 10. Creating dynamic user interfaces using Vue.js 3.

PHP | Laravel 10 | Vue.js 3 | Docker | MySQL

Senior RESTful API Developer

FastWebsite Aug 2021 - Aug 2022 • Derby, UK

Designing, developing, and maintaining REST architecture-based API interfaces. Creating scalable backend systems.

PHP | Laravel | MySQL | Git | Scrum

PHP Developer - RESTful API

OmegaCam Mar 2020 - Jun 2021 • Wrocław, Poland

Developing RESTful APIs for mobile CCTV monitoring applications. Integration with Firebase and FastSpring.

PHP | RESTful API | Firebase | FastSpring | MySQL

EARLIER EXPERIENCE

PHP Web Developer
Orange Taurus | Jan 2019 - Mar 2020 | CMS and CRM development

Offset Printer / Graphic Designer
OT | Jun 2017 - Jan 2019 | Graphic design and DTP

PHP Web Developer
Orange Taurus | Oct 2014 - May 2017 | Backend features and REST API

PHP Developer / Freelancer
Career Beginnings | Jan 2003 - Nov 2014 | Websites and e-commerce

CERTIFICATIONS & COURSES

- FastAPI – The Complete Course (Beginner + Advanced)
- Fullstack Laravel 10 + Vue.js 3 – Build APIs and SPAs
- PHP Unit Testing with PHPUnit
- Android Development from Scratch
- Machine Learning Bootcamp in Python (Part A & B)
- Laravel – RESTful API with Passport Authentication
- RESTful APIs with Lumen
- Vue.js from Scratch + Vue.js Advanced