

Marcos De Oliveira

Full Stack Developer (backend focused)

Bachelor's Degree in Computer Engineering

CONTACT

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CORE SKILLS

Python

FastAPI

Flask

REST APIs

PostgreSQL

Kafka

RabbitMQ

Docker

Kubernetes

AWS

ADDITIONAL

React

TypeScript

GitHub Actions

Linux

CERTIFICATIONS

AWS Cloud Practitioner (2024)

IBM Cloud Advocate v2

LANGUAGES

English: C2 (Advanced)

Spanish: Native

SUMMARY

Backend engineer with 5+ years of experience building scalable, cloud-native systems. Specialized in Python and REST API development using FastAPI, with strong expertise in microservices, distributed systems, and containerized deployments on AWS and Kubernetes. Focused on performance, reliability, and clean architecture.

EXPERIENCE

Full Stack Developer (backend focused) – Qualabs

2024 – Present

- Designed and deployed microservices in Kubernetes (AWS), improving system scalability and uptime.
- Built REST APIs using Python, focusing on performance and maintainability.
- Implemented automated testing pipelines (Pytest + Testkube), reducing regression issues by ~30%.
- Integrated AWS S3 storage solutions using boto3 for secure data handling.
- Presented technical solutions and architecture decisions to clients.

Software Engineer – IBM Uruguay

2021 – 2024

- Developed and maintained REST and SOAP APIs for enterprise applications.
- Migrated legacy systems to modern architectures, improving maintainability and performance.
- Built and deployed containerized applications in cloud environments.
- Collaborated in AI-driven MVP development and automation testing initiatives.

EDUCATION

Bachelor's Degree in Computer Engineering

Universidad Católica del Uruguay – Uruguay

PROJECTS & TECHNICAL HIGHLIGHTS

- Designed distributed systems using Kafka and RabbitMQ for asynchronous processing.
- Built CI/CD pipelines using GitHub Actions for automated deployments.
- Optimized database schemas and SQL queries for performance-critical services.