

Walid Kini

SOFTWARE ENGINEER · BACKEND / PLATFORM

Agadir, Morocco

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Profile

Backend/platform engineer building multi-tenant SaaS systems for e-commerce and marketplace platforms. Focused on API design, business workflows, event-driven architecture, idempotent processing, streaming pipelines, and CI/CD automation.

Professional Experience

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Agadir, Morocco

BACKEND ENGINEER

Jun 2025 – Present

- Designed and delivered APIs and business workflows for a multi-tenant e-commerce SaaS platform.
- Built a full affiliate & payout system: onboarding, tracking, commission logic, deduplication, secure disbursement workflows.
- Implemented high-volume streaming CSV exports (cursor + HTTP streaming) with constant memory usage.
- Developed event-driven services (RabbitMQ, idempotency, retries, monitoring) ensuring reliable distributed execution.
- Built a multi-tenant order synchronization engine that ingests orders via webhooks/APIs and synchronizes them into Google Sheets with idempotent processing, dynamic scheduling, and streaming execution.
- Delivered Python microservices (import, email, video processing, GeolP) on AWS.
- Stack:** Laravel/PHP, Python, RabbitMQ, MySQL, Redis, AWS.

Izberg (by Lundi Matin)

Montpellier, France

BACKEND ENGINEER

Mar 2024 – Feb 2025

- Contributed to Izberg, an API-first SaaS marketplace platform (B2B/B2C).
- Led migration from third-party search SaaS to self-hosted Elasticsearch (100k products): index schema, relevance tuning, synonym pipelines.
- Reduced recurring infrastructure costs while improving ranking control and observability.
- Developed backend services in Django (monolith) and Flask (microservices).
- Stack:** Python, Django, Flask, Celery, Redis, PostgreSQL, Elasticsearch.

Internships

2021 – 2023

- SBM Offshore (AI Engineer Intern):** built RAG-based document Q&A system (chunking, embeddings, FAISS, source citation).
- Zaion (Backend Intern):** implemented API integrations for enterprise callbot workflows (Node.js, MongoDB).
- Besteam-Conseil (Full-Stack Intern):** contributed to serverless financial dashboard (Next.js + AWS).

Project

ShelfShift

PYTHON LIBRARY · CLI · OPTIONAL SELF-HOSTED API

- Designed and built a Python library for canonical product modeling and multi-platform catalog transformation.
- Exposed functionality via a CLI tool for developer workflows and batch CSV processing.
- Implemented an optional FastAPI self-hosted API with a lightweight UI to showcase and test transformations.
- Supports Shopify, BigCommerce, Wix, Squarespace, WooCommerce export formats.
- Stack:** Python, FastAPI, CLI tooling, CSV pipelines.

Education

Bordeaux INP — ENSEIRB-MatMeca

Bordeaux, France

ENGINEERING DEGREE IN COMPUTER SCIENCE

2019 – 2023

Lycée CPGE Reda Slaoui

Agadir, Morocco

CPGE PREPARATORY CLASSES MP (MATHEMATICS-PHYSICS)

2017 – 2019

Skills

Backend Laravel/PHP; Python (FastAPI, Django, Flask); Node.js

Data MySQL, PostgreSQL, MongoDB; Redis; RabbitMQ

Cloud AWS (Lambda, S3, EFS, EventBridge); Docker; CI/CD

Architecture Multi-tenant SaaS; event-driven systems; streaming pipelines

Languages French (bilingual), English (bilingual), Arabic (native)