

Walid Kini

SOFTWARE ENGINEER · BACKEND / PLATFORM

Agadir, Morocco

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Profile

Backend/platform-oriented software engineer with experience on SaaS products. End-to-end design and delivery: APIs, business workflows, integrations, reliability, automation, and deployment. **Specialties:** event-driven architecture, performance, security, CI/CD. **Stack:** Laravel/PHP, Python (FastAPI/Django), Node.js, AWS serverless, MySQL/PostgreSQL, Redis, RabbitMQ.

Professional Experience

xPage

Agadir, Morocco

BACKEND ENGINEER

Jun 2025 – Present

- **Product: Multi-tenant e-commerce SaaS platform;** designed APIs and business workflows focused on performance and reliability.
- **Designed and delivered a full affiliate program:** onboarding, conversion/referral tracking, affiliate dashboard (filters/sorting/pagination), commission calculation/eligibility, and deduplication.
- **Implemented payout workflow:** threshold, requests/cancellation, payout methods for affiliates based on conversions/referrals, validation, and secure admin endpoints.
- **Large-scale CSV export: HTTP streaming** endpoint (cursor + `streamDownload`) with **1 row = 1 line item**, enriched with discounts, returns/refunds, delivery...without memory overhead.
- **Python microservices:**
 - **Import** service for multi-platform product catalog ingestion (mapping/normalization) into the xPage seller dashboard
 - **Email** service (Liquid + SMTP) triggered via RabbitMQ
 - **Video** service (event-driven: S3 upload → RabbitMQ message; concurrent workers consume, FFmpeg web MP4 processing with configurable bitrate/audio/fps, thumbnails, S3 write, source upload cleanup)
 - **GeoIP** service (MaxMind on EFS + EventBridge updater)
- **Event-driven architecture:** RabbitMQ, workers, idempotency, retries, monitoring/logging, S3 storage.
- **Quality & CI:** PHPUnit tests; GitHub Actions pipeline.
- **Stack:** Laravel/PHP; Python; RabbitMQ; MySQL; Redis; AWS Lambda/S3/EFS/EventBridge.

Lundi Matin

Montpellier, France

BACKEND ENGINEER

Mar 2024 – Feb 2025

- Developed and maintained **Izberg**, a SaaS platform enabling companies to launch their own marketplaces.
- Migrated the product search engine from **Algolia** to **Elasticsearch**.
- **Stack:** Python, Django, Flask, Celery, Redis, PostgreSQL, Algolia, Elasticsearch, Git.

Internships

2021 – 2023

- **AI Developer — SBM Offshore** (Monaco) — **Apr 2023 – Sep 2023** — **Stack:** Python, Flask, React, LangChain, Hugging Face, Azure OpenAI Service.
- **Backend Developer — Zaion** (Paris, France) — **Feb 2022 – Oct 2022** — **Stack:** Node.js, Express.js, MongoDB, Git.
- **Full-Stack Developer — Besteam-Conseil** (Paris, France) — **Jun 2021 – Sep 2021** — **Stack:** Node.js, Express.js, React, AWS DynamoDB, S3, Lambda, Git.

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

Core	Python, PHP, JavaScript; SQL (MySQL/PostgreSQL); Redis; RabbitMQ
Backend	Laravel, FastAPI, Django, Flask, Node.js/Express
Cloud/Ops	AWS Lambda, S3, EFS, EventBridge; CI/CD (GitHub Actions); Docker; Git
Quality	PHPUnit (unit/feature tests)
Frontend	React, HTML/CSS, TailwindCSS
Familiar	Java, C/C++
Languages	French (bilingual), English (bilingual), Arabic (native)