

SABET ABDERRAHMANE

Full-Stack Developer and Systems Builder

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PROFILE

Full-stack developer who turns complex product requirements into usable systems spanning responsive interfaces, APIs, data models, applied AI, automation, and deployment. Strongest in end-to-end web products, backend architecture, and explainable AI-assisted workflows.

EXPERIENCE

Technical Lead / CTO - BAB Digital

2026 - PRESENT

Lead website strategy, interface design, engineering, and practical AI solutions for small businesses. Translate commercial problems into scoped systems, delivery plans, and production-ready digital experiences.

SELECTED PROJECTS

Morocco Livestock Platform

2026 - PRESENT

Architecting a multilingual Next.js and FastAPI platform for animal identity, health and weight history, verified-vet workflows, marketplace oversight, and admin moderation.

FitFuel AI

2025 - 2026

Built an AI-assisted nutrition product with FastAPI, PostgreSQL, deterministic meal logic, vision-assisted food logging, progress tracking, and a PyTorch/ResNet50 research path.

AI Project Recommender

2026

Designed a hybrid recommendation system combining deterministic scoring, Gemini-assisted reasoning, explainable rankings, fallback recommendations, feedback, and run analytics.

Lead Automation System

2026

Created an event-driven FastAPI and n8n workflow with webhooks, callbacks, notification logs, explicit delivery states, and retryable failures.

ADDITIONAL SYSTEMS

Smart Parking System

2026

Designed a parking operations workflow connecting reservations, QR receipts, analytics, YOLOv8 plate recognition, and a manual confirmation fallback.

HabitSphere

2026

Designed a habit and wellness prototype spanning daily check-ins, behavior analytics, risk signals, recovery plans, and responsive data visualization.

TECHNICAL CORE

FRONTEND

JavaScript, TypeScript, React, Next.js, Angular, HTML/CSS, Motion, Recharts

BACKEND

Python, FastAPI, Node.js, Express, REST APIs, JWT/OAuth2, SQLAlchemy

DATA

PostgreSQL, MongoDB, relational modeling, migrations, analytics

AI / COMPUTER VISION

PyTorch, ResNet50, YOLOv8, Gemini, inference APIs, human correction paths

AUTOMATION / DELIVERY

n8n, webhooks, Docker, Git/GitHub, event flows, deployment

EDUCATION

Hubei University of Technology

Computer Science studies | 2021 - 2025
GPA 3.45 / 4.00 | Average 88 / 100

WORKING STYLE

Systems thinking, ownership, problem decomposition, technical leadership, product communication, and honest failure-state design.

LANGUAGES

Arabic / Darija, English, and French.

PORTFOLIO

Detailed case studies and interface evidence:

Open portfolio