

# AHMED AMOKRANE

FULL STACK ENGINEER

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## Education

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- **University of Constantine 2** Constantine, Algeria  
*Master's in AI & Data Science* *Expected 2027*
- **University of Constantine 2** Constantine, Algeria  
*Bachelor's in Software Engineering* *2023*

## Technical Skills

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- **Languages:** PHP, TypeScript, JavaScript, Python, SQL
- **Backend:** Laravel, NestJS, Node.js, FastAPI, REST APIs, JWT, OAuth2, Redis, Queue Systems
- **Frontend:** React, Next.js, React Native, Tailwind CSS
- **Infrastructure:** Docker, PostgreSQL, MySQL, GitHub Actions, Nginx, Linux VPS, AWS S3
- **AI/ML:** Scikit-Learn, TensorFlow, Pandas

## Experience

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- **Rentily (Djezzy Incubator)** Algeria  
*Full-Stack Engineer* *2025 – Present*
  - Selected for the **Djezzy startup incubation program**. Building an Airbnb-style property rental platform.
  - Developed scalable backend architecture using **NestJS**, with Next.js web platform and React Native mobile application.
  - Designed booking workflows, dynamic availability calendars, role-based systems, and payment integration flows.
  - Containerized services with Docker and implemented CI/CD pipelines using GitHub Actions.
- **Alkma Cars Company** Algeria  
*Full-Stack Developer* *2025 – 2026*
  - **Live Platform** — Fleet and showroom management system
  - Deployed across **10+ showrooms**, managing **1,000+ clients**, and used daily by **30+ business users**.
  - Engineered backend APIs, database schema, RBAC permission systems, and administrative dashboards from scratch.
  - Managed production infrastructure using Nginx, Linux VPS deployment, and maintenance workflows.

## Key Projects

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- **PRIME-SHOP** Multi-Vendor SaaS E-Commerce Platform  
*Laravel 11 + React 18 + Inertia + TypeScript + Stripe/PayPal* *2026*
  - **Live Demo** — Production-ready multi-vendor marketplace platform
  - Integrated Stripe, PayPal, CIB, and Edahabia payment gateways for local and international transactions.
  - Implemented asynchronous order processing and invoice PDF generation using Laravel queues.
  - Built vendor dashboards, inventory tracking, and full order lifecycle management systems.
- **AYADATI** Medical Lab SaaS Platform  
*Laravel 12 + Next.js 14 + Python FastAPI + TensorFlow* *2025*
  - Architected multi-tenant infrastructure with isolated databases, subdomains, and AI models for medical predictions (anemia/diabetes using Scikit-Learn + TensorFlow).
  - Implemented Redis caching, real-time notifications, appointment booking, PDF medical reporting, and internal staff communication modules.

## Languages

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- **English:** C1 Professional
- **Arabic:** Native
- **French:** Intermediate