



Walid Boudabbous

Chief Technology Officer
AI & Healthcare Platforms

CONTACT

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EDUCATION

- École Centrale de Lyon
Engineering degree — Mechanics & Computer Science · 1996
- DEA (MSc) Geomaterials & Solid Mechanics
— with INSA Lyon · 1996
- Classes Préparatoires MathSup/Spé —
Lycée Carnot, Dijon · 1993

CORE SKILLS

- LLMs & RAG
- Speech AI (self-built)
- FHIR / HIPAA
- Neobanking
- Healthcare ERP
- Microservices
- Docker / K8s
- Oracle CX
- Leadership
- Delivery Mgmt

TECH STACK

- Python
- Java
- Node.js
- NestJS
- FastAPI
- React 19
- Next.js 16
- TypeScript
- Prisma
- PostgreSQL
- Redis
- AWS
- HAPI FHIR
- Odoo 16
- TEMENOS
- Flutter
- LiveKit
- MinIO

LANGUAGES

- French Native
- English Fluent
- Italian Beginner

PROFILE

Chief Technology Officer running a **22-person cross-functional engineering organisation** — frontend, backend, AI/LLM, design, PM and QA — with **28+ years** in digital technologies across AI platforms, neobanking and healthcare ERP systems. Architect of an on-premise AI healthcare platform spanning **11 roles across 14 role-scoped portals**, specialty-configurable, with **zero external LLM calls** and AI response **under 800 ms**. Built and led delivery teams across Europe, the Middle East and Africa, including offshore organisations peaking at **48 FTE**.

EXPERIENCE

Chief Technology Officer (CTO)

2023 – Present

Dudoxx UG · Hamburg, Germany

- Architected and led the **Dudoxx FHIR Clinic Platform (HMS AI-First OS)** — an enterprise AI-powered healthcare management system with full-stack Docker infrastructure and telemedicine.
- Chose a fully on-premise architecture with **zero external LLM calls** — a data-sovereignty decision that also holds AI response **under 800 ms** and cuts inference cost **5–8×** against cloud list price.
- Architected the self-hosted **DDX Omni-Intelligence** inference platform — own CUDA speech-to-text, text-to-speech and LLM serving, with no external API dependency.
- Set the compliance posture: **11-role RBAC** over a zero-trust API gateway, a single PII-redaction choke-point and an append-only audit trail, with HIPAA-compliant self-hosted telemedicine.
- Governed the AI estate so no agent holds privilege the user does not — every agent calls the same RBAC-enforced endpoints as the UI, with no privileged AI backdoor.
- Replaced **5–8 disconnected clinic tools** with one FHIR R4 core, one identity model and one audit trail — **seven capability areas, 11 roles across 14 portals, ~1,470 REST endpoints**, specialty-configurable.
- Made deployment a configuration choice, not a fork: managed EU cloud and fully customer-operated on-premises share **one application core** — data residency and self-hosted inference are selected, not rebuilt.
- Set the regulated-data posture in the request path — **three enforced tenant-isolation layers** down to a per-clinic FHIR partition, server-side RBAC, append-only audit, and PII redaction at the LLM egress gateway.
- Directed the agentic engine succession (**Condor** over legacy **TUCAN**): one compiled plan per turn, bounded execution, mutating actions never retried and never taken without a typed human-approval gate.

Founder · CEO & CTO

2007 – Present

Acceleate Consulting OU · Tallinn / Paris

- Led creation and launch of **Weeca Neobank** (2021–2023) for Azur Services GmbH.
- Directed **Direct Medical Access** (2023) — AI-driven healthcare portal, Dubai.
- Selected, deployed and operated self-hosted open-weight LLM inference (2023–2024) for client organizations.
- Delivered the **Direct Medical Assistance Platform** (2023–2024) for medical evacuation and patient record follow-up.
- Established offshore / nearshore / onsite skill centers, optimizing delivery and cost.

Technical AI Consultant

2016 – Present

Various Startups · Europe & Middle East

- Advised healthcare and process-automation startups on AI strategy and implementation.
- Built and deployed LLM and RAG systems for clinical and operational workflows.

Head of e-Commerce Practice

2015 – 2021

Acceleate · Paris, France

- Developed and executed e-commerce strategies driving customer acquisition and revenue.
- Owned e-commerce budget, strategy, and marketing plans.

Senior Delivery Manager

2013 – 2015

Wipro France · Paris, France

- Optimized delivery processes and best practices, improving team performance and client satisfaction.

EXPERIENCE (CONTINUED)

Senior Oracle Architect Wipro Netherlands & Philips (via Acceleate) · Amsterdam, Netherlands • Drove long-term e-commerce architecture and initiated DevOps practices.	2012 – 2013
Technical Manager & Solution Architect Acceleate · Tunisia • Implemented Zitouna Bank Internet & Mobile banking on TEMENOS core banking. • Led SOREAL Odoo ERP implementation for the recycling industry.	2010 – 2012
Oracle Senior Architect & Technical Advisor Various Clients (via Acceleate) · EU · Greece · Dubai · France • Managed and validated ATG and Oracle projects across multiple regions. • Trained and supervised developers for timely, optimal delivery.	2006 – 2012
Business Unit Manager ATG (Art Technology Group) — Oracle Corporation · Paris, France • Led the France Business Unit as ATG Evangelist, Trainer, Architect, and Presales expert. • Architected the Orange Global Web Self-Service Platform. • Managed Louis Vuitton ATG e-commerce platform (Europe, Japan, USA) — offshore development & maintenance.	2001 – 2006
CRM Project Manager Syntegra France — British Telecom · Paris, France • Created Syntegra's Integration Department (36 engineers); led CRM & e-commerce for major French firms.	1998 – 2001
Research Engineer École Centrale de Lyon · ENISE · LTDS · France • Developed numerical models for mechanical friction and metal wear. • Taught at ENISE (École d'Ingénieur de St Étienne).	1996 – 1998

CORE COMPETENCIES

▪ AI Platforms & Inference — model selection, GPU serving and cost-controlled routing for LLM and speech systems. ▪ Healthcare ERP — advanced systems on Odoo 16 for patient-care management. ▪ Leadership & Delivery — coaching high-performing teams; on-time, on-budget delivery.	▪ Neobanking — launched Weeca Neobank; improved financial accessibility. ▪ Digital Transformation — process re-engineering on cloud and on-premise platforms. ▪ Methodologies — Agile / Scrum, Kanban, CI/CD, Zero-Trust, RBAC.
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AWARDS

- **5-year International Scholarship** — École Centrale de Lyon / INSA / TPE (Geomaterials)
- **3-year National Scholarship** — Advanced Mathematics & Physics, Dijon

References available on request.