

Walid Boudabbous

Chief Technology Officer · AI & Healthcare Platforms

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SUMMARY

Technology leader with 28+ years building and shipping AI, machine-learning, fintech, and healthcare platforms end to end. Architect of on-premise LLM/FHIR systems, neobanking products, and enterprise e-commerce at global scale. Builds and leads high-performing engineering teams; turns emerging technology into delivered, production systems across Europe, the Middle East, and Africa.

CORE SKILLS

AI Platforms: LLMs, RAG (Retrieval-Augmented Generation), Prompt Engineering, self-built CUDA speech-to-text and text-to-speech, Vector Databases (Qdrant), LLM gateway/routing

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, Microservices, Jenkins, MinIO, LiveKit, Jitsi

Backend: Python, Java, Node.js, NestJS, FastAPI, Prisma, PostgreSQL, MySQL, Redis

Frontend: React, Next.js, TypeScript, JavaScript

Healthcare & Fintech: HAPI FHIR, HL7/FHIR R4/R5, HIPAA, Telemedicine, Healthcare ERP, Neobanking, TEMENOS Core Banking, Odoo ERP

Leadership: Engineering Leadership, Team Building, Delivery Management, Agile/Scrum/Kanban, Solution Architecture, Zero-Trust Security, RBAC, Stakeholder Management

PROFESSIONAL EXPERIENCE

Chief Technology Officer (CTO)

Dudoxx UG — Hamburg, Germany

2023 – Present

- 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.
- Built microservices on Docker, Kubernetes, PostgreSQL, Qdrant vector DB, Redis, and a LiteLLM proxy (OpenAI, Anthropic, Google, Ollama), keeping 100% of patient-data inference on-premise for GDPR/HIPAA compliance.
- Architected DDX Omni-Intelligence, the self-hosted CUDA inference platform behind the products: own speech-to-text, text-to-speech and LLM serving behind one OpenAI-compatible gateway, plus real-time patient intake and RAG document intelligence — designed to reduce clinical documentation time by 40–60%.
- Designed a zero-trust API gateway with unified RBAC and JWT authentication across all services.
- Deployed a HIPAA-compliant telemedicine video platform with full meeting lifecycle management.
- Led a multi-repository engineering effort with modular git submodule architecture across the full platform.

Founder & CTO

Acceleate Consulting OU — Tallinn, Estonia / Paris, France

2007 – Present

- Founded and run an AI / fintech / healthcare technology consultancy; built offshore, nearshore, and onsite delivery centers for global enterprise clients.
- Weeca Neobank** (2021–2023): led end-to-end creation and launch of a neobanking platform for Azur Services GmbH.
- Direct Medical Access** (2023): directed development of an AI-driven healthcare access portal in Dubai.
- Direct Medical Assistance Platform** (2023–2024): delivered a custom healthcare management system for medical evacuation and patient record follow-up.
- Open-weight LLM inference** (2023–2024): selected, deployed and operated self-hosted LLM serving for client organizations.
- Advisory engagements (2016–present): AI strategy and implementation for healthcare and process-automation startups.

Head of e-Commerce Practice

Acceleate — Paris, France

2015 – 2021

- Built and led the e-commerce practice; developed and executed strategies driving customer acquisition and revenue growth.
- Owned practice budget, go-to-market strategy, and delivery across client engagements.

Senior Delivery Manager

Wipro France — Paris, France

2013 – 2015

- Optimized delivery processes and best practices, improving team performance and client satisfaction across enterprise accounts.
- Managed, appraised, and developed delivery team members.

Senior Oracle / ATG Architect & Technical Advisor

Wipro Netherlands & Philips, and various clients (via Acceleate) — Europe, Greece, Dubai, France

2006 – 2013

- Architected and delivered Oracle ATG e-commerce platforms across multiple regions; drove long-term architecture and DevOps adoption.
- Trained and supervised developers for timely, high-quality delivery.

Technical Manager & Solution Architect

Acceleate — Tunisia

2010 – 2012

- Implemented Zitouna Bank Internet and Mobile banking on TEMENOS core banking.
- Led SOREAL Odoo ERP implementation for the recycling industry.

Business Unit Manager

ATG (Art Technology Group) — Oracle Corporation — Paris, France

2001 – 2006

- Led the France business unit as ATG architect, trainer, evangelist, and presales lead.
- Architected the Orange Global Web Self-Service Platform.
- Managed the Louis Vuitton ATG e-commerce platform (Europe, Japan, USA) — offshore development and maintenance.

CRM Project Manager

Syntegra France — British Telecom — Paris, France

1998 – 2001

- Created Syntegra's Integration Department (36 engineers via MBO); led CRM and e-commerce projects for major French enterprises.

Research Engineer

École Centrale de Lyon — ENISE — LTDS — France

1996 – 1998

- Developed numerical models for mechanical friction and metal wear; taught at ENISE (École d'Ingénieur de St Étienne).

EDUCATION

Engineering degree — Mechanics & Computer Science

École Centrale de Lyon — Lyon, France

1996

DEA (Master of Advanced Studies), Geomaterials & Solid Mechanics

École Centrale de Lyon & INSA Lyon — Lyon, France

1996

Classes Préparatoires MathSup / MathSpé

Lycée Carnot — Dijon, France

1993

LANGUAGES & RECOGNITION

Languages: French (Native), English (Fluent), Italian (Beginner)

Awards: 5-year International Scholarship (ECL / INSA / TPE); 3-year National Scholarship in Advanced Mathematics & Physics.