Mossab Imed Eddine Saaidia

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Professional Summary

Results-driven Odoo Developer with experience in Python and backend development. Hands-on experience customizing, migrating, and extending Odoo modules. Skilled in analyzing business requirements, designing clean data models, and optimizing enterprise workflows for reliability.

Work Experience

Software Developer | CGCI - Pme

Les Annassers, Algiers, Algeria | **Jul 2026 – Present**

- Engineered custom Odoo v19 modules for internal operations, translating business rules into scalable, maintainable Python code.
- Led migration and quality assurance testing for Odoo version upgrades, minimizing downtime and ensuring zero data loss during transitions.
- Designed inter-service system workflows to bridge functional gaps between internal departments and standardize data interfaces.

Budget Reform Engineer | Ministry of Finance

Ben Aknoun, Algiers, Algeria | **May 2025 – Jul 2026**

- Engineered custom Odoo v19/18 modules for internal operations, extending core system functionality to automate internal management workflows and business processes.
- Served as System Administrator for the Budgeting and Accounting modules, managing user access permissions, core configuration, and operational data integrity.
- Developed an investment budget tracking system (Spring Boot and Angular) for nation-wide Algerian projects, enabling end-to-end monitoring of capital allocation and expenditure across all phases.

Tour Operator Support Agent | Nouba Travel

Zighout Youcef, Constantine, Algeria | **Aug 2024 – Apr 2025**

- Engineered B2B ticketing and reservation workflows.
- Managed post-sales client support, resolving complex service inquiries, booking modifications, and technical issues to maintain high client satisfaction.
- Handled flight bookings and inventory management using the Amadeus GDS, executing reservations, fare rules, and ticketing operations with high accuracy.

Full Stack Developer | Deelta

Aïn El Bey, Constantine, Algeria | **Feb 2022 – Aug 2022**

- Delivered a custom Python/Django ERP system with a PostgreSQL database, translating complex client needs into scalable backend architecture.
- Optimized database schemas and desktop application performance, indexing queries and refining data access patterns to ensure seamless user experience.

Education

Master's Degree in Computer Science and Knowledge Discovery

Saint Petersburg Electrotechnical University "LETI" | **Graduation Date: 2020**

- **Thesis:** Security Mechanisms for 5G Networks — Focused on encryption protocols, data integrity, and vulnerability management in mobile networks.

Bachelor's Degree in Information Systems

Abdelhamid Mehri Constantine 2 University | **Graduation Date: 2017**

- **Thesis:** Medical Practice Management System — Engineered an automated appointment and patient record management system.

Certifications

- **Google AI Professional Certificate** — Coursera (Earned: 10 Sep 2026)
  Credential: https://coursera.org/verify/professional-cert/6HZL7AHNOFCM
- **Google AI Essentials Specialization Certificate** — Coursera (Earned: 08 Sep 2026)
  Credential: https://coursera.org/verify/specialization/1BA496DY90FR
- **Odoo Functional Certification** — Odoo (Earned: 23 Aug 2026)
  Credential: n°0001196576
- **Odoo Developer - Expert Track** — NIMZIS (Earned: 2025)
- **Russian Language** — Ryazan State Radio Engineering University (Earned: 2018)

Projects and Hackathons

Portfolio | Developer | 2026

- **Link:** https://portfolio-saaidia-mossab.vercel.app/
- **Technologies Used:** NextJS, Tailwind CSS, Supabase, Claude AI.
- Architected and deployed a personal developer portfolio and technical blog platform, establishing an interactive space to showcase production engineering projects and publish technical articles. Designed a clean, scalable data model and modular component structure to present software architecture case studies, system specifications, and full-stack development deliverables with optimized performance and seamless content navigation.

Designer Portfolio | Developer | 2026

- **Link:** https://ouss-billy-portfolio.vercel.app/
- **Technologies Used:** NextJS, Tailwind CSS, Supabase, Claude AI.
- Designed and deployed a sleek, modern portfolio platform for a visual designer, showcasing a curated gallery of design projects alongside an integrated contact system. Engineered responsive UI components, smooth navigation transitions, and optimized image rendering workflows to highlight visual assets while delivering a fast, engaging user experience across all devices.

FleetDZ | Developer | 2025

- **Technologies Used:** NextJS, Tailwind CSS, Supabase, Claude AI.
- FleetDZ — Algeria's premier multi-vendor platform enabling merchants to launch their own digital storefront in a few clicks.

BarberShop & Bot Manager | Developer | 2025

- **Technologies Used:** Next.js, Supabase, TelegramSDK, TypeScript.
- Full-featured Telegram Mini App (TMA) for automated barbershop operations.

Hack20: The Largest Online Flutter Hackathon

- **Role:** Participant, Team Lead, Developer
- **Context:** The event featured two thematic tracks: Saving the Planet/Eco/Pandemic and Retro/Cyberpunk Future.
- **Date / Duration:** 27 – 28 Jun 2020
- **Team Size:** 3
- **Contributions:**
  - Developed an eco-tech Android app using Flutter, Dart, and Firebase, enabling users to identify plants and optimize their placement in domestic environments.
  - Designed API integrations and user authentication flows, connecting backend data services with a sleek front-end interface.
  - Created and delivered a product demonstration video, effectively communicating technical design choices, practical applications, and impact during pitch evaluations.

Garagena Coop (GaragenaSa)

- **Role:** Participant
- **Context:** This program is designed to present workflow organization, decision-making processes, and project management tailored specifically for startups and small teams.
- **Date / Duration:** Jun 2020
- **Contributions:**
  - Managed team collaboration using Scrum practices, organizing daily stand-ups, task boards, and iterative planning to maintain project momentum.
  - Delivered technical presentations and workshops, engaging directly with peers and stakeholders to communicate project concepts and execution strategies.
  - Spearheaded workshop team activities, mentoring group members, delegating technical responsibilities, and ensuring timely project deliverables.

Skills

- **AI & Prompt Engineering:** AI Prompting (Prompt Architecture, SPEC.md Structuring), AI Agents & LLM Workflows, AI-Assisted Application Development.
- **Programming Languages & Frameworks:** Python, NextJS, Flutter & Dart, SQL.
- **ERP & Enterprise Systems:** Odoo (v18/19) Module Development, Customization, System Migration, Administration, Amadeus GDS System.
- **System Design & Architecture:** System Design Fundamentals, Inter-Service System Integration, API Design, Data Modeling, Requirements Engineering.
- **Databases & Data Management:** PostgreSQL, Database Schema Design, Query Optimization, Indexing, Firebase (Authentication & Realtime Database).
- **Domain & Functional Expertise:** Budgeting & Accounting Modules, Investment Budget Tracking, B2B Ticketing & Reservation Workflows.
- **Tools & Methodologies:** PyCharm, Git/GitHub, Agile/Scrum Frameworks, Manual & Integration Testing, Technical Workshop Facilitation.
- **Public Speaking & Presentations:** Public Speaking, Technical Presentations, Live Product Demonstrations, Workshop Facilitation, Event Moderation.
- **Teamwork & Event Engagement:** Active Event Participation, Cross-Functional Team Leadership, Hackathon Collaboration, Community Engagement, Stakeholder Communication.
- **Interpersonal & Professional Skills:** Active Listening, Conflict Resolution, Inter-Departmental Collaboration, Adaptability, Technical Mentorship.

Languages

- **Arabic:** Native / Primary.
- **French:** Full Professional Proficiency (B2 — Writing, Speaking, Listening, Reading).
- **English:** Full Professional Proficiency (B2 — Writing, Speaking, Listening, Reading).
- **Russian:** Elementary / Limited Working Proficiency (A2 — Writing, Speaking, Listening, Reading).
- **German:** Elementary / Limited Working Proficiency (A2 — Writing, Speaking, Listening, Reading).