



OUSSAMA BENBERKANE

C CONTACT

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- Béjaïa, Algeria
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L LANGUAGES

- Kabyle NATIVE
- Arabic FLUENT
- English FLUENT
- French PROFICIENT

S KEY SKILLS

- NEXT.JS, REACT, TYPESCRIPT
- DJANGO, SPRING BOOT, PYTHON, JAVA
- REST APIS, SUPABASE, POSTGRESQL
- AWS, DOCKER, CI/CD, GIT, PWA
- LLM INTEGRATION, ML / DL, MENTORING
- TEAM LEADERSHIP, PROBLEM SOLVING
- REMOTE COLLABORATION

01 PROFILE

Full-stack developer with a Master's in Artificial Intelligence building production systems end-to-end — REST API design, cloud infrastructure, and React/Next.js frontends. Has deployed ML/DL models in production (93% accuracy on medical imaging) and integrated LLM-powered features into live SaaS applications. Multilingual, remote-first, open to global opportunities.

02 EXPERIENCE

Full Stack Developer

Jan 2026 — Present

Wedey (wedey.ai) · Remote

- Architecting and shipping a full-stack AI-powered recruitment SaaS (Next.js 15, Supabase, PostgreSQL) as a founding engineer
- Designed relational data models and API layer for job management, skill matching, and multi-role organization dashboards
- Built AI-driven candidate screening features and end-to-end flows including waitlist and interactive demo onboarding

Backend Engineer

Nov 2023 — Jan 2026

Tech-Instinct · Full Time

- Developed and optimized the Voteer platform serving 5 frontend apps with up to 100 concurrent users; reduced latency via Hazelcast distributed caching
- Led AWS migration from Ireland to Paris region and built a dedicated staging environment
- Designed backend architecture for after-sales service module of FAST (invoicing app), including offline PWA functionality
- Mentored a backend intern on Spring Boot, API design, and integration testing

Adjunct Professor

Sept 2023 — Jan 2024

Abderrahmane Mira University · Part Time

- Conducted Object-Oriented Programming workshops for 2nd-year Computer Engineering students

Full Stack Developer

Jan — Nov 2023

MSolution · Part Time

- Built and deployed barreaubejaia.com for 1,000+ regional lawyers with multilingual support (Arabic, French, English)
- Django + SQLite backend with Bootstrap frontend; real-time announcements, council updates, and document access system

Data Science Intern

May — June 2023

University Hospital Center Khelil Amrane

- Trained CNN models on 1,700 MRI images (+augmentation) with TensorFlow, achieving 93% accuracy for neurosurgical decision prediction
- Integrated model into a Django web app as a decision-support tool for medical students

Coding Instructor

April — June 2023

Rival School Béjaïa · Part Time

- Taught Python fundamentals and problem-solving techniques to students

03 EDUCATION

Master of Artificial Intelligence

Abderrahmane Mira University, Béjaïa · Graduation: 17/20 · Thesis: Deep Learning-based prediction of petrous tumour surgical approach
Sept 2021 — July 2023

Bachelor of Computer Science

Abderrahmane Mira University, Béjaïa · Graduation: 17/20
Sept 2018 — May 2021

04 VOLUNTEER WORK

Board Member · Soummam Basketball Club

Feb 2026 — Present

Founding board member as the club transitioned from amateur to officially recognized status.

Mentor & Judge · ESTIN Datathon

2023 — 2024

Evaluate AI/ML project submissions and mentor student teams; active bridge between industry and academic research networks.

Active Member · CSI Computer Science Club

2018 — 2023

Engaged throughout bachelor's and master's studies in technical workshops, hackathons, and CS community initiatives.