Abdenour Benkorich

AI Instructor · Full-Stack Engineer · Data Science

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PROFILE

AI instructor, full-stack engineer and tech content creator, currently in the 4th year of the Algerian State Engineering Degree in Computer Engineering & Data Science at Université Abdelhamid Ibn Badis. Lead instructor of the **"Build with AI"** bootcamp at Everest Academy, founder of **BenCoder** (102K+ developers), and author of a Udemy Python course with 300+ learners. Ships production products such as **JG SupplyNet**, Algeria's digital B2B procurement platform, and works with **Tassili AI** on an Algerian large language model initiative. Passionate about making AI and software engineering practical, accessible and production-ready.

102K+	300+	60+ hrs	45+
developers reached on BenCoder	Udemy learners · 4.8/5 rating	AI bootcamp curriculum	tutorials & technical guides

EXPERIENCE

Lead Architect & Full-Stack Engineer
2025 – Present

JG SupplyNet (Jamael Group) · Algeria

- Architected Algeria's B2B sourcing and procurement network (jgsupplynet.com) connecting manufacturers, suppliers and institutional buyers.
- Built with **Next.js 15, React, TypeScript, Tailwind**: trilingual UI (EN/FR/AR) with RTL layouts, multi-step RFQ routing and instant faceted supplier search.
- Delivered sub-300ms navigation on mobile networks through serverless hosting and optimized data access.

Lead Generative AI Instructor — "Build with AI"
2026

Everest Academy · Mostaganem, Algeria

- Designed and taught a 1-month, 60+ hour hands-on generative AI bootcamp for engineering students and professionals.
- Four pillars: **Prompt Engineering & Context Architecture**, **Vibe Coding** (Cursor, Claude Code), **AI Video & Motion** (Runway, Kling, ElevenLabs), **AI Design & Brand Assets** (Midjourney, FLUX.1).
- Mentored learners to ship live prototypes, with every graduate presenting a working project on demo day.

Embedded Systems & Robotics Mentor
2026 – Present

DZDuino Collaboration · Algeria

- Run a 2-month physical-computing program with dzduino.com: C/C++ on Arduino Uno, sensor telemetry (ultrasonic, IMU, infrared) and PWM motor control.
- Integrate Raspberry Pi 4 edge compute with microcontrollers over UART and I2C for robotics decision-making.

Founder & Technical Content Creator
2024 – Present

BenCoder · Online

- Built an educational tech brand of 102,000+ followers (@ben.coderr); published 45+ tutorials on Next.js, Python and generative AI workflows.
- Host live Q&A sessions mentoring developers on career transitions, portfolios and engineering best practices.

Course Creator & Instructor
2024 – Present

Udemy · Online

- Authored *Python for Beginners in Arabic* (view course): 40+ lessons, 300+ learners, 4.8/5 rating.

AI Team Member
Ongoing

Tassili AI · Algeria

- Collaborate with the core team on an Algerian sovereign LLM initiative: applied research, regional dialect dataset evaluation and practical AI implementations.

Technical Speaker & Workshop Instructor
2025 – 2026

University & Regional Tech Hubs · Tlemcen, Algiers, Oran

- Led bootcamps and seminars on modern JavaScript/TypeScript, REST API design and AI tooling for student clubs and incubators; mentored a developer one-on-one for 3 months to full-stack deployment.

Software Engineer Intern
Jun 2026

Sonatrach GP1Z · Algeria

- Worked on enterprise server maintenance, network monitoring and internal digital systems in a Linux/Windows Server environment.

Backend Developer Intern
Dec 2024 – Mar 2025

Sefrone · Algeria

- Developed scalable REST APIs with **Node.js** and **PostgreSQL**; contributed to schema design, indexing and latency optimization in an agile team.

SELECTED PROJECTS

JG SupplyNet — B2B Procurement Platform
jgsupplynet.com

Next.js 15 · React · TypeScript · Tailwind · PostgreSQL · Vercel

Marketplace with multilingual RFQ pipelines, verified supplier onboarding and instant catalog search.

Virexa — Healthcare Platform
virexa-eta.vercel.app

Next.js 15 · React · TypeScript · Tailwind · Node.js

Specialist discovery and appointment booking. 99 Lighthouse performance score, WCAG AA accessibility.

Fiikra Studio — Creative Agency Site
fiikra-studio.vercel.app

Next.js · React · Tailwind · Figma

High-conversion portfolio site with optimized WebP/AVIF assets and green Core Web Vitals; +65% client inquiries.

DZDuino Robotics Lab
dzduino.com

Arduino Uno · Raspberry Pi 4 · ESP32 · C/C++ · Python

Two-wheel differential robot with sensor arrays, PWM motor control and UART/I2C pipelines.

Also: Perfecto Gastro and Brew Crew — mobile-first storefronts for a bistro and a coffee roaster (React, Tailwind).

EDUCATION

State Engineering Degree — Computer Engineering & Data Science
2024 – 2028

Université Abdelhamid Ibn Badis · Mostaganem, Algeria

- 5-year national engineering program (currently 4th year). Coursework: algorithms & data structures, statistical machine learning, database internals, operating systems, computer networks, software engineering, linear algebra.

TECHNICAL SKILLS

AI & DATA	Generative AI, LLMs, prompt engineering, context architecture, RAG & vector search (ChromaDB, pgvector), Ollama, PyTorch, Hugging Face, local LLM fine-tuning & quantization, machine learning, data analysis
WEB	TypeScript, JavaScript, React, Next.js 15, Astro, Tailwind CSS, Figma, WCAG AA accessibility, Core Web Vitals
BACKEND	Node.js, Express, Python, Django REST Framework, REST APIs, PostgreSQL, MongoDB, query optimization
EMBEDDED	Arduino, Raspberry Pi 4, ESP32, Embedded C/C++, UART / I2C / SPI, PWM, PID tuning
TOOLS	Git & GitHub Actions, Docker, VS Code, Neovim, Linux, Windows Server, computer networks
AI MEDIA	Runway Gen-3, Kling AI, Luma, Midjourney v6, FLUX.1, ElevenLabs

LANGUAGES

Arabic — Native · **English** — Fluent · **French** — Intermediate