MUSTAPHA BOUZID

FULL-STACK DEVELOPER | AI ENGINEER | n8n AUTOMATION

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Portfolio · **GitHub** · **LinkedIn** · **Tassili AI**



PROFILE

Master's student in Artificial Intelligence and Advanced Optimization Technologies at the University of Mostaganem, with a Licence in Mathematics and Computer Science. I build full-stack applications and n8n automation workflows integrating webhooks, REST APIs and LLMs. At Tassili AI, I contribute to multilingual legal-data pipelines and dataset quality for compact language models, domain-specific systems and workflow agents. Interested in applied AI and practical automation.

EXPERIENCE

Tassili AI | AI Engineer | *2026 - Present*

- Build and audit data pipelines for domain-specific AI, from source collection and scraping to text extraction, structuring and validation.
- Curate Arabic/French legal text; check OCR and text quality, source inventories, coverage and corpus completeness across public legal sources.
- Prepare traceable datasets supporting Tassili's compact language models (SLMs), domain-specific layers (DSLMs) and workflow-agent use cases.

Content Creator | Tech & Gaming | *TikTok / Instagram*

- Create short educational videos explaining gaming and technology to a general audience; more than 2,000 TikTok followers (@ismus4ever; Instagram @mus4.ever).

SELECTED PROJECTS

Algerian Legal Corpus Pipeline | Tassili AI | *2026*
Audited a bilingual legal corpus spanning 17 sources, 1.2M+ raw artifacts and about 7.17 GB; tracked source coverage, completeness and OCR quality for 17,504 Tier A PDFs.

AI SEO Workflow (n8n + GPT-4) | *2024*
Automated technical SEO checks for canonical tags and robots.txt, then used a GPT-4 agent to draft audit notes and rewrite suggestions.

Webhook-to-API Workflow | Algeria 2.0 demo | *2026*
Self-hosted n8n workflow with authenticated webhook, payload validation, API enrichment, scoring script, Google Sheets/Slack outputs, retries and error alerts.

CreaCouture Marketplace | *2025*
Full-stack marketplace for ateliers and boutiques with catalog, accounts, orders and JWT authentication (React, Node.js, MongoDB, Tailwind CSS).

Mdm-Architecture | *2025*
Desktop/web data platform with dashboards and PDF report generation (Electron, Next.js, Node.js, Express, MongoDB).

Geo-Data Viz (DSS) | *2024*
React/Vite decision-support app with CSV drag-and-drop import, advanced filters and JSON/XML export.

AI & AUTOMATION

n8n: webhooks, HTTP/API nodes, scheduling, error handling

OpenAI API, LLM integration, prompt engineering, RAG fundamentals

Data scraping, OCR/text extraction, corpus curation and validation

FRONTEND

React · Next.js · TypeScript · JavaScript · Tailwind CSS · Flutter

BACKEND & DATA

Node.js · Express · REST APIs

MongoDB · MySQL · PostgreSQL · Prisma

TOOLS

Python · Git · GitHub · Docker

LANGUAGES

Arabic - Native
French - Advanced
English - Advanced

INTERESTS

Gaming · Content creation · Technology reading

EDUCATION

MSc | AI & Advanced Optimization Technologies
Faculty of Exact Sciences & Computer Science, UMAB | Sep 2025 - Present.

Licence | Mathematics & Computer Science
Computer Systems, UMAB | Sep 2022 - Jun 2025. Mention: Good.

Startup Project Certificate
Economic Enterprise, UMAB | Sep 2022 - Jun 2025. Recognised for entrepreneurship and business innovation.

Scientific Baccalaureate
Lycée Ben Zaza Mustapha, Mostaganem | 2022.

FOCUS AREAS

Multilingual corpus engineering · API-driven automation · Data quality and traceability · Applied LLM systems