

# Achraf Gasmi

AI Implementation Consultant | Data & Technology Enablement | Business Analysis

+216 24 049 210 | achrafgasmi58@gmail.com | [github.com/achraf-gasmi](https://github.com/achraf-gasmi) | Tunis, Tunisia (Open to Calgary, AB)

## PROFESSIONAL SUMMARY

AI Engineer and Consultant with 2+ years of hands-on experience implementing AI and data-driven solutions in regulated environments. Skilled in requirements gathering, process mapping, stakeholder communication, and translating complex AI concepts into clear, actionable outputs for business teams. Certified AI Engineer for Developers (DataCamp), with practical expertise in LLMs, RAG pipelines, AI Agents, and analytics tooling. Proven track record of supporting cross-functional teams to adopt AI solutions responsibly and efficiently — with strong written communication and project coordination skills suited to a consulting context.

## PROFESSIONAL EXPERIENCE

### AI & Process Implementation Consultant (Organization & Quality Manager) | BH Assurance — Tunis, Tunisia

| Apr 2025 – Present

- Spearheaded end-to-end AI implementation projects, coordinating with IT, Compliance, and Business units to align technology solutions with operational requirements and regulatory standards.
- Led requirements gathering and process mapping for a comprehensive procedures manual covering underwriting, claims, and compliance — producing structured, client-ready documentation.
- Drove the revamp of the KYC automation platform (Angular/Flask), integrating ML risk classification and AML filtering modules, reducing manual review cycles significantly.
- Prepared reports, workflows, and stakeholder presentations to communicate AI adoption progress and support data-driven decision-making across departments.
- Applied change management principles to support cross-functional teams through technology transitions, ensuring sustainable adoption of AI-powered tools.

### Software Engineer & AI Implementation Specialist | BH Assurance — Tunis, Tunisia | Aug 2023 – May 2025

- Conducted business analysis and requirements gathering to design and deploy automated ETL pipelines and REST APIs, streamlining end-to-end KYC workflows.
- Built and documented predictive ML models using Python for behavioral analysis and risk prediction in compliance-sensitive contexts, translating findings into actionable business insights.
- Researched AI tools and platforms to inform implementation recommendations, producing structured analysis reports and technical documentation for stakeholders.
- Developed RPA automation solutions to optimize administrative workflows, with full process documentation and training materials for business users.
- Coordinated with cross-functional stakeholders to align the company's information systems with evolving regulatory requirements.

### Software Engineer – Internship (AI & Data Focus) | BH Assurance — Tunis, Tunisia | Feb 2023 – Jul 2023

- Developed a custom OCR model that reduced manual data entry by 60%, with clear documentation of requirements, methodology, and business outcomes.
- Designed AML filtering algorithms and produced detailed workflow documentation for compliance teams.
- Built a secure client onboarding web application (Spring Boot / Angular), supporting process mapping and user acceptance testing with business stakeholders.

## KEY PROJECTS

### RAG System for Insurance (Generative AI Implementation)

- Designed and deployed an intelligent RAG-based query system over insurance policy documents using Python, FastAPI, and pgvector — enabling operational teams to retrieve accurate answers in real time.
- Documented system architecture, use cases, and user workflows; presented findings and recommendations to business stakeholders.

## Full-Stack KYC Automation Platform

- Led end-to-end implementation of a KYC solution integrating OCR, ML-based risk scoring, and audit dashboards — with full requirements documentation and cross-functional coordination.
- Produced client-ready reports on project progress, data quality metrics, and compliance outcomes.

## Document Intelligence Pipeline (OCR & NER)

- Built an automated ingestion pipeline extracting structured entities from insurance claims documents, improving data quality and accelerating risk analysis workflows.

## EDUCATION

---

**Engineering Degree in Computer Science** | ESPRIT — Private Higher School of Engineering and Technology, Tunis | 2018 – 2023

## CERTIFICATIONS & TRAINING

---

- AI Engineer for Developers Associate — DataCamp (Feb 2026): LLMs, RAG, Prompt Engineering, AI Agents, LLMOps, OpenAI API, LangChain, Hugging Face, Vector Databases
- Generative AI Specialization (4 courses) — Google (Jul 2024): Transformer Models, BERT, Encoder-Decoder Architecture, Attention Mechanism
- Insurance Training Program Certificate — CTFA (Jun 2025)
- Intelligently Extract Text & Data from Documents with OCR & NER — Udemy (May 2023)
- AWS Educate: Getting Started with Compute & Storage — Amazon Web Services (2022–2023)

## SKILLS & COMPETENCIES

---

**Consulting & Analysis:** Requirements Gathering, Process Mapping, Business Analysis, Stakeholder Communication, Change Management, Project Coordination, Documentation, Client-Ready Reporting

**AI & Data:** AI Implementation, LLMs, RAG, AI Agents, LangChain, OpenAI API, Hugging Face, Prompt Engineering, Machine Learning, NLP, ETL Pipelines

**Analytics & BI Tools:** Python, Excel/Google Sheets, SQL, Power BI (exposure), Scikit-learn, Apache Airflow

**Development:** Flask, FastAPI, Spring Boot, React, Angular, Docker, AWS, PostgreSQL, MongoDB, Git

**Domain Knowledge:** Insurance & Financial Services, KYC/AML Compliance, Risk Modeling, Process Optimization, Regulated Environments

**Languages:** English (Fluent), French (Native), Arabic (Native)