

## Contact

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[github.com/achraf-gasmi](https://github.com/achraf-gasmi) (Portfolio)

## Top Skills

System Architecture

DevOps

WordPress

## Certifications

AWS Educate Getting Started with Storage

Intelligently extract text & data from Document with OCR NER

AWS Educate Getting Started with Compute

Careers in Data Science A-Z

The fundamentals of Digital Marketing

# Achraf Gasmi

AI Engineer & Consultant | LLMs · RAG · AI Agents | Fintech & Insurance

Tunis, Tunisia

## Summary

I build AI systems that work in the real world — not just in notebooks.

With 2+ years of hands-on experience at the intersection of AI engineering and regulated financial services, I specialize in designing and deploying production-grade AI solutions: RAG pipelines, LLM-powered applications, AI agents, KYC automation, and document intelligence systems — all built to meet the strict demands of compliance-heavy environments like insurance and fintech.

My work sits at a rare crossroads: I understand both the technical depth required to build solid AI architecture and the business, regulatory, and human context that makes those systems actually useful.

What I bring to the table:

As an AI Engineer, I design and ship end-to-end systems using LangChain, the OpenAI API, Hugging Face, Pinecone, vector databases, RAG, and LLMOps best practices. I also build the underlying data and automation infrastructure — ETL pipelines, OCR models, REST APIs, and RPA systems — that makes AI deployable at scale.

As an AI Consultant, I bridge the gap between complex AI capabilities and business decision-makers. I translate technical solutions into clear strategies, align AI initiatives with compliance requirements, and drive cross-functional teams toward measurable outcomes.

Certified AI Engineer for Developers (DataCamp) — earned through a rigorous 2-hour theoretical exam and a 4-hour hands-on project exam, covering LLMs, RAG, Prompt Engineering, AI Agents, LLMOps, and Software Engineering.

Engineering Degree in Computer Science — ESPRIT, Tunis (2023)

If you're building AI-powered products in fintech, insurance, or any compliance-driven space, let's connect.

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## Experience

### BH Assurance

3 years 1 month

#### Organization and Quality Manager

April 2025 - Present (11 months)

Tunis, Tunisia

Operational Optimization: Leading continuous improvement initiatives for internal processes and maintaining excellence standards across all business operations.

Quality Management: Overseeing and maintaining ISO certifications specific to the insurance industry to ensure regulatory and structural compliance.

Compliance & Innovation: Developing and implementing a KYC/AML (Know Your Customer / Anti-Money Laundering) solution to enhance security and regulatory adherence.

Generative AI Expertise: Integrating RAG (Retrieval-Augmented Generation) technologies tailored for the insurance and finance sectors to optimize data utilization and insights.

Engineering Mindset: Leveraging my background in Software Engineering and Architecture to design and build robust, scalable systems that support organizational growth.

### Project Manager

August 2023 - May 2025 (1 year 10 months)

Tunisia

#### Insurtech & Digital Transformation Specialist

AI-Driven Compliance (KYC/AML): Architected and deployed end-to-end Identity Verification (KYC) solutions using advanced OCR and NER technologies, streamlining client onboarding and enhancing security protocols.

Mobile Engineering & Customer Experience: Lead the continuous improvement and optimization of the "Wininti" mobile application, ensuring a high-performance, intuitive interface for seamless policy management.

Process Automation (RPA & AI): Developed sophisticated Robotic Process Automation workflows and AI modules to automate complex business operations, resulting in significant operational cost savings and 0% manual entry error rates.

Strategic Integration (LLM & RAG): Implemented Retrieval-Augmented Generation (RAG) systems to query complex insurance policies, reducing internal response times and improving decision-making accuracy.

Cross-functional Leadership: Bridged the gap between IT, Compliance, and Business units to align technical roadmaps with strict financial regulatory requirements.

#### Software Engineer Intern

February 2023 - September 2023 (8 months)

Gouvernorat Ariana, Tunisie

AI-Powered OCR Automation: Developed a custom OCR model for insurance document processing, achieving a 60% reduction in manual data entry and streamlining administrative workflows.

Compliance & Risk Algorithms: Designed and deployed blacklist name-matching algorithms using Flask and MySQL, significantly enhancing data accuracy and ensuring strict adherence to regulatory compliance.

Secure Onboarding Platform: Built a full-stack, secure client onboarding web application leveraging Spring Boot and Angular, integrating custom OCR APIs for real-time data extraction.

Enterprise Systems Engineering: Gained deep expertise in building production-grade backend architectures, focusing on system security and high-availability data processing in a financial environment.

#### Mindfitness Consulting

Soft Skills Coach

January 2020 - May 2022 (2 years 5 months)

Gouvernorat de Tunis, Tunisia

Empowered diverse audiences (students and children) by designing and delivering interactive workshops focused on personal and professional development.

Facilitated comprehensive training modules in core competencies including Public Speaking, Communication Skills, and Negotiation techniques.

Instructed modern methodologies such as Design Thinking and Digital Marketing to foster innovation and digital literacy among participants.

Mentored youth in Leadership and soft skills, utilizing age-appropriate pedagogy to build confidence and teamwork.

Optimized performance through specialized sessions on Team Management and Time Management, helping students balance academic and professional goals.

## OnePack

### Digital Marketing Manager

July 2020 - January 2021 (7 months)

Tunis, Tunisie

Developed and executed the overarching social media strategy, aligning digital presence with the startup's growth objectives.

Architected content frameworks and formats, defining the visual and narrative direction for various social platforms.

Collaborated closely with the Graphic Designer, providing detailed creative briefs and strategic guidance to transform concepts into high-impact visual assets.

Optimized audience engagement by selecting high-performing content types and scheduling strategies based on market trends and data analysis.

Managed the digital editorial calendar, ensuring a consistent brand voice and a steady stream of strategic communication.

## Indépendant

### Freelancer

April 2018 - July 2020 (2 years 4 months)

## Tunisie

End-to-End Web Development: Designed and deployed custom websites and e-commerce solutions using WordPress and modern web technologies, ensuring responsive design and SEO optimization.

Digital Strategy & Marketing: Managed digital presence for various clients, implementing targeted marketing campaigns to increase brand visibility and user acquisition.

Graphic Design & Visual Identity: Created comprehensive branding packages, including logos, marketing collateral, and digital assets, ensuring a cohesive visual language across all platforms.

Project Management: Handled the full project lifecycle for multiple international clients, from initial briefing and budget estimation to final delivery and technical support.

Consultancy: Provided technical and creative advice to small businesses to help them transition to digital-first operations.

## Enactus Esprit ICT

### Member

October 2019 - April 2020 (7 months)

## Tunisie

Social Innovation & Brainstorming: Collaborated within a multidisciplinary team to ideate and develop sustainable business models addressing United Nations Sustainable Development Goals (SDGs).

Impact-Driven Project Development: Contributed to a flagship project integrating multiple SDGs:

Life Below Water (SDG 14): Developing solutions for marine conservation and ecosystem protection.

Industry, Innovation & Infrastructure (SDG 9): Leveraging technology to build resilient and sustainable infrastructure.

Decent Work & Economic Growth (SDG 8): Designing frameworks to foster job creation and local economic empowerment.

Agile Project Management: Participated in design thinking workshops and pitch sessions to refine project viability and social impact.

Community Engagement: Represented Enactus Esprit ICT in national competitions and networking events, advocating for tech-for-good initiatives.

## OPTIMA Junior Enterprise

### Sales Associate

January 2017 - April 2017 (4 months)

Business Development: Proactively identified and prospected potential B2B clients to expand the Junior Enterprise's portfolio.

Client Acquisition & Persuasion: Conducted sales pitches and negotiations, effectively communicating the value of our technical solutions to secure new contracts.

Customer Relationship Management: Acted as the primary point of contact for leads, managing the sales funnel from initial outreach to closing.

Market Analysis: Researched market needs to tailor sales arguments and align our service offerings with client expectations.

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## Education

Ecole Supérieure Privée d'Ingénierie et de Technologies - ESPRIT  
Ingenieur, Ingénierie informatique · (2019 - 2023)