



Senior AI Engineer (GenAI & Agentic Systems)

Location: Brussels

Are you ready to take your career to the next level?

Do you thrive in environments that challenge and inspire you?

Would you like to grow within a team that values both excellence and enjoyment at work?

Taleo Consulting is an international management consulting group with offices in **France, Luxembourg, Belgium, The Netherlands, Switzerland, Spain, Singapore, Portugal, and Italy.**

We've grown into a team of **450+ talented professionals** across **10 offices worldwide**, partnering with leading organizations in **Financial, Life Sciences, Retail, and Energy** - Sectors, to drive transformation and deliver lasting impact.

At Taleo, you'll find more than just a job. You'll join a community of ambitious consultants who share a passion for growth, innovation, and teamwork. Together, we create an environment where you can develop your skills, take on new challenges, and truly make a difference.

What Will You Do?

At Taleo Consulting, we believe that **our growth starts with our people**. When our consultants thrive, so do our clients.

Motivated, curious, and passionate professionals make a real impact, not only on their own careers but also on the success of the organizations they support.

We're looking for individuals who **embody our values** and help us foster strong, trust-based relationships with both our **clients** and our **teams across the globe**.

Our success is built on the **talent, collaboration, and commitment** of our people and we're now looking for a Senior AI Engineer to join our journey.

Our client's Data & AI Office takes generative AI from pilot to production across four streams:

- GenAI & Agentic Solutions
- LLMOps & AI Platform
- Responsible AI & EU AI Act Compliance
- AI Enablement & Adoption



Your role:

- **Design and build** GenAI & Agentic AI solutions (Agentic Business Process, RAG assistants, tool-calling agents, document intelligence) for prioritised business use cases.
- **Select and evaluate** foundation models (commercial and open-weight) on quality, latency, cost, data residency and licensing.
- **Industrialise** AI solutions with CI/CD, infrastructure-as-code, containers and automated testing, and monitor quality, drift and token cost in production.
- **Build** evaluation frameworks (test sets, LLM-as-judge, human review) to measure accuracy, groundedness, safety and business impact.
- **Apply** guardrails, access controls and prompt-injection and data-leakage defences in line with security, GDPR and EU AI Act requirements.
- **Partner** with Legal, Risk, Security and AI Governance to classify use cases and document risks.
- **Coach** data scientists and engineers on LLM engineering best practices, and contribute to reference architectures and reusable patterns.
- Work model: onsite

How do we imagine our future Senior AI Engineer?

- Master's degree in computer science, AI, data science, engineering or a related field.
- 5+ years in software, data or ML engineering, including 2+ years delivering LLM / GenAI solutions to production.
- Strong Python; hands-on experience with LangChain, LlamaIndex or Hugging Face, RAG, vector search and agent orchestration.
- Experience with a major cloud AI stack (Azure OpenAI, AWS Bedrock or Vertex AI) and LLMOps tooling.
- Working knowledge of GDPR and the EU AI Act (a plus).
- Fluent in English, with Dutch or French.

Soft skills:

- Team player
- Quick self-starter with a proactive attitude
- Strong communication skills, able to explain technical trade-offs
- Practical, solution-oriented mindset with attention to detail
- Comfortable in a dynamic, multicultural environment



We attract top talent and empower them with the right environment to excel and drive collective success.

Why should you join us?

By joining Taleo, you'll become part of a **talented, international, and dynamic team**.

You'll benefit from **real career growth opportunities**, continuous learning, and the chance to build **long-lasting relationships** across borders and industries.

If you recognize yourself in this description and are ready to grow with a company that values ambition, collaboration, and excellence, let's connect.

Share your CV and take the next step in your journey with Taleo

