Stephane KPOVIESSI

AI / GenAI Engineer

Available for a permanent position

AI Agents • RAG • LLM Systems

Integrated, secure AI applications that are useful to business teams.

Contact

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Skills

Agents & workflows
LangGraph, MCP, tool calling, human-in-the-loop.

RAG & LLM
Hybrid RAG, embeddings, pgvector, multi-LLM.

Backend & integration
Python, Go, FastAPI, PostgreSQL, Electron/React.

Production & cloud
Docker, Azure Databricks, AWS, Git/CI-CD.

Education

JUNIA ISEN Lille
Engineering degree - Big Data & Data Science, 2026.

JUNIA ISEN Rabat
Bachelor's degree - Electronics & Digital Systems, 2023.

CPMS
Mathematics, Physics and Engineering Sciences, 2020 - 2022.

Certifications

Microsoft AI Engineer Career Path
Microsoft Learn • **In progress**

Create ML Models in Microsoft Azure
Microsoft / Coursera • 2023

Supervised ML: Regression & Classification
DeepLearning.AI / Stanford Online 2023

Languages

French - native
English - B2, Linguaskill Business

Leadership & associations

JUNIA ALUMNI
Network Committee

Vice President
Sept. 2024 - Aug. 2025
Led alumni network activities and professional events.

Communications Lead
Sept. 2023 - Aug. 2024
Managed announcements and promoted initiatives.

Profile

Engineering graduate in Big Data & Data Science, building GenAI systems to automate tasks and make business data usable. As founder of Seshat AI, I develop an embeddable agent runtime with document retrieval and action controls. At Allianz, I modernized SAS workflows on Azure Databricks, improving execution speed while validating consistent results.

Experience

Seshat - Founder & AI Engineer Sept. 2026 - Present
Open-source agentic AI and automation platform

- Designed a Go agent runtime, embeddable through an SDK and gRPC API, supporting local models and multiple LLM providers.
- Automated tasks through parallel sub-agents and dependency-based workflows, with tool execution and service integration via MCP.
- Controlled agent actions through permissions and human approval; tracked tool calls, errors and latency to diagnose execution issues.
- Built a document pipeline combining ingestion, hybrid retrieval and source-backed answers to make documents usable by agents.

seshat-ai.com • github.com/KPO-Tech/seshat

Allianz France - Data Engineer / Data Scientist Nov. 2025 - Apr. 2026
P4D, Advanced Data & Climate - Paris

- Modernized an insurance datamart: analyzed 15,000+ lines of SAS and migrated processing to Python/PySpark on Azure Databricks, with 150+ business rules in a Medallion architecture.
- Achieved a **speedup of over 8× on the measured workflow** after migration from SAS to Azure Databricks, with identical memory capacity.
- Validated business indicators through geospatial data quality checks and automated SAS/Python parity and regression tests.

LYNE ET FRERES SARL - Data Analyst 2023 - 2025
Strategic support assignments - Benin / Remote

- Automated internal activities by deploying open-source AI tools, including OpenWebUI, and supporting user onboarding.
- Developed Python/Pandas and Streamlit reports and dashboards to track commercial and operational data.

Groupe Sylvagreg - Machine Learning Engineer May 2024 - Aug. 2024
Lille, France

Developed an experimental solution to reconstruct 3D scenes from 2D images using photogrammetry and PyTorch generative models. Automated preprocessing and inference, with AWS/Docker deployment and a visualization interface to test and inspect reconstructions.

github.com/EngineerProjects/Sylva3dGUI • github.com/EngineerProjects/sylva3D

GenAI Project

TECH WATCH AGENT - LangGraph, FastAPI, PostgreSQL/pgvector, React, Docker

Automated technology monitoring: research planning, multi-source collection and source-backed summaries using LangGraph agents. Built a FastAPI/React application to configure models, track executions and retrieve collected information through PostgreSQL/pgvector semantic memory.

github.com/EngineerProjects/tech-watch-agent