

# Florian Rumiel

Cloud Architect – Generative AI Specialist

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## Professional Summary

Cloud Architect specializing in generative AI systems, RAG architectures, and LLM orchestration. Experience designing and deploying production AI applications on AWS Bedrock and Google Vertex AI with Terraform and modern orchestration frameworks. Strong foundation in cloud infrastructure, vector databases, and DevOps practices. Open source contributor focused on advancing AI tooling ecosystems.

## Technical Skills

LLM Orchestration, RAG/GraphRAG, Agentic AI, AWS Bedrock, Google Vertex AI/ADK, LangChain, LlamaIndex, Haystack 2, PGVector, ChromaDB, Neo4J, Langfuse, FMEval, AWS (EC2, Lambda, S3), GCP (Vertex AI, Cloud Run), Terraform, Docker, GitHub Actions, Python, C#/.NET, FastAPI, pytest, CI/CD pipelines · AWS Cloud Practitioner, Terraform Associate · French (native), English (bilingual)

## Professional Experience

**Cloud Architect – GenAI** Aug 2025 – Jan 2026

*Levio – Simons, Quebec*

- Architected a multi-format document ingestion foundation on GCP for a RAG/GraphRAG knowledge base, supporting diverse file types including video and legacy codebases (IBM i / AS400)
- Designed extraction pipelines using Google Vertex AI and ADK to surface business knowledge from legacy applications, with Spanner as the backing store

**Senior Developer – Levio – Desjardins, Quebec** Dec 2024 – Jul 2025

**Cloud Architect – GenAI & AI Orchestration**

Apr 2024 – Present

*Levio – RSDE-CSPPR / Ministry of Cybersecurity and Digital, Quebec*

- Designed and implemented RAG-based conversational AI systems on AWS Bedrock (Claude 3, Mistral AI) with LangChain for personal data protection compliance and government chatbot use cases
- Architected full AWS infrastructure and deployed solutions end-to-end using Terraform
- Conducted R&D on LLM orchestration techniques to reduce latency and improve response quality, backed by PGVector
- Built a test bench to measure conversational AI performance and trained production support teams

**DevOps Analyst** Sep 2022 – Jul 2023

*Levio – Ministry of Justice of Quebec (MJQ), Quebec*

- Configured, deployed, and managed Azure cloud resources supporting ministry initiatives
- Performed in-depth performance analysis using Azure monitoring and logging tools
- Developed a PowerShell-based pipeline analysis tool to eliminate redundancies between source code and IaC configurations
- Configured access control strategies for solution versioning and deployment in Azure DevOps

**Software Developer** Jan 2020 – Aug 2022

*Noovelia, Quebec*

- Maintained and developed core features for warehouse management and gas delivery tracking systems using C# .NET, Xamarin, and SQL Server
- Refactored the frontend codebase by 40%, resulting in 2–3x faster execution speeds
- Improved UI/UX across a dozen features in a Flutter application, collaborating closely with an integrator in a multidisciplinary environment
- Maintained and refactored REST APIs leveraging a microservices architecture

## Education

**Bachelor in Applied Sciences** - Computer Science

UQAC, 2017

## Projects & Open Source

- Haystack 2 Contributor:** Implemented AWS Bedrock integration for LLM tool calling, enabling function-based agentic workflows.

- **Logistic Platform Prototype:** Built a prototype logistics management system using Supabase and Flutter, showcasing real-time tracking and project visualization capabilities.

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