Florian Rumiel

Cloud Architect | AI Orchestration Specialist

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Skills

Areas of expertise:	Cloud Architecture, LLM Orchestration, DevOps, Infrastructure as Code, Artificial Intelligence, Data Science
Cloud Technologies:	AWS, Terraform, AWS Bedrock, Docker
AI Orchestration:	LangChain, LlamaIndex, Haystack 2, FMEval, PGVector, ChromaDB, FAISS
Languages:	Python, Dart, Terraform, C#
Tools:	VSCode, GitHub Actions, Amplify, SQL Server, Visual Studio, Docker, PostgreSQL
Languages:	French (native), English (expert)

Certifications

- AWS Cloud Practitioner

- AWS Generative AI Essentials Partner

- Terraform Associate, Certified Cloud Engineer

- MongoDB - Big Data (2020)

Professional Experience

Levio Conseils inc.

Cloud Architect   2024 - present
Levio Conseils inc., Quebec

- Design and implementation of a conversational bot based on RAG (RSDE-CSPRP)

- Systems architecture and solution development with Terraform and AWS

- Integration and management of authentication with Cognito and Flutter

- Design of Azure and AWS deployment pipelines

Cloud Architect - AI Orchestration   2024
Ministry of Cybersecurity and Digital Technology (MCN), Quebec

- Design and optimization of language model orchestration in an AWS LZA environment

- Training of production support teams for maintainability of the orchestration system

- Research and development of orchestration techniques to reduce latency

- Implementation of test benches for monitoring conversational bot performance

Intermediate Programmer Technician (web .NET)   2023 - 2024
Ministry of Natural Resources and Forests (MRNF), Quebec

- Update of UI components for the land registry system

- Analysis of existing code base and optimization suggestions

DevOps Analyst 2022 - 2023
Ministry of Justice of Quebec (MJQ), Quebec

- Configuration, deployment, and management of cloud resources on Azure

- Performance analysis using Azure monitoring and logging tools

- Development of a pipeline variable analysis and optimization tool

- Configuration of access control and deployment policies

Other Experience

Developer Analyst 2020 - 2022
Noovelia

- Development and maintenance of an inventory management system in C# .NET

- Refactoring to reduce frontend code base by 40%

- Improvement of UI/UX and maintenance of REST APIs in microservices architecture

IT Analyst 2018 - 2020
Government of Canada

- Bilingual technical support for federal employees

- Diagnosis and resolution of hardware and software issues

Education

International Technological Studies University Diploma (DUETI) 2017
UQAC - Computer Science and Video Game Design
Technology University Diploma 2017
University of Burgundy - Computer Science

Personal Projects

- Architecture and implementation of RAG (retrieval augmented generation) solutions in AWS

- Design of an automated legal text change notification solution for legal departments

- Automated CV enrichment tool to facilitate assignment agent work

- Open Source library of steering behaviors for autonomous agents (GitHub: FloRul/RitFlocking)

- Game development with Unity using dependency injection and linear algebra