

Béatrice Dubois Lead AI Engineer

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PROFILE SUMMARY

- **Lead AI Engineer** with **11 years** leading **enterprise GenAI programs** across **financial services, insurance, and internal operations**, specializing in **model gateways, guardrails, and governed LLM rollouts**.
- Hands-on across primary language (**Python**), model providers (**OpenAI, Anthropic, Bedrock, Vertex AI**), guardrails (**Llama Guard** and policy routing), orchestration (**LangGraph**), serving (**vLLM on Kubernetes**), and evaluation (**Braintrust**), with the compliance depth to take a rollout through **SOC 2 and GDPR** review.
- Deep expertise in **multi-provider routing, policy-based guardrails, cost-of-inference management, and audit evidence for AI systems**, using **RFC governance** and **SLO-backed rollouts** to ship **GenAI features that pass the auditors and stay under budget**.
- Partners with **legal, risk, security, and four business units** on the GenAI roadmap, briefing the executive board every quarter on **investment, cost of inference, and vendor risk** across three cloud providers.
- Tech lead of **6 AI engineers** who set up the org's **RFC process** (22 RFCs shipped), the gateway onboarding curriculum, and the **GenAI Architecture forum** 14 business units now use.

TECHNICAL SKILLS

Languages:	Python, Java (services), SQL, Bash
Model Providers:	OpenAI, Anthropic, AWS Bedrock, Vertex AI, Azure OpenAI, open-weight models on vLLM
Gateway & Routing:	multi-provider routing, fallback policies, rate limiting, per-tenant cost allocation, caching
Guardrails & Safety:	Llama Guard, policy routing, PII redaction, red-team suites, incident review
Evaluation & Governance:	Braintrust, golden sets, LLM-as-judge, RFC process, SOC 2 and GDPR evidence
Platform:	Kubernetes, Terraform, OpenTelemetry, Datadog, SLO dashboards, on-call design
Leadership:	tech lead of 6, architecture reviews, executive briefings, vendor negotiations, hiring loops

EDUCATION

Columbia University	M.S. in Computer Science	New York, NY · Sep 2012 - May 2014
Sciences Po Paris	B.A. in Economics	Paris, France · Sep 2009 - Jun 2012

WORK EXPERIENCE

IBM	Lead AI Engineer	Yorktown Heights, NY · Apr 2021 - Present
• Tech lead for the enterprise model gateway, managing 6 AI engineers and the multi-provider routing layer (OpenAI, Anthropic, Bedrock, Vertex) behind 28 internal applications in 14 business units. • Led 18 GenAI feature rollouts across legal, claims, HR, and customer-service workflows, each with SOC 2 and GDPR evidence packages signed off by four audit teams. • Designed the guardrails layer on Llama Guard plus model-route policies, cutting policy-violation incidents by 71% across the gateway in the first nine months. • Set up the org's RFC governance and chair the bi-weekly GenAI Architecture forum, taking 22 RFCs through review and adoption, including the open-weight model policy. • Brief the executive board every quarter on GenAI investment, cost of inference, and vendor risk, with 6-quarter spend projections across three cloud providers, cutting spend per request by 34% in 2025.		
Accenture	Senior AI Engineer	New York, NY · Jul 2014 - Mar 2021
• Owned the enterprise RAG delivery practice, shipping 14 client deployments on Azure OpenAI and Azure AI Search for Fortune 500 clients in financial services and pharma. • Built the reusable evaluation harness the practice used on every engagement, cutting time from kickoff to a measured baseline from 5 weeks to 8 days. • Mentored 5 engineers into senior roles, ran the bi-weekly AI craft session, and sat on 7 hiring loops as the technical bar-raiser.		