

Gbemisola Akerele *AI Developer*

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SUMMARY

Software Engineer specializing in LLM-powered systems and agentic workflows, with experience shipping AI products rapidly to production, designing RAG pipelines, integrating enterprise APIs, and building full-stack AI applications.

- Working toward FDE (Forward Deployment Engineer) certification, having completed a Vector Institute bootcamp in agentic AI evaluation and applying **Langfuse to evaluate agentic system performance**.
- Delivers AI-powered demos, PoCs, and MVPs for enterprise clients as an AI Developer at Accenture, **shipping 12 PoCs and demos in the first two months** by turning business challenges into working prototypes within 3-5 business days.
- Served as an AI Engineer on a voice-based ETS Service Desk AI platform, **modernizing a high-volume legacy IVR handling 150+ daily callers** by migrating it to Google Cloud Platform and building Phase 2 conversational AI capabilities.
- **Structured 3,000+ regulatory documents into a RAG-ready pipeline** and migrated vector search from OpenSearch to Azure OpenAI, improving retrieval latency and helping deliver a scalable LLM proof-of-concept focused on red tape reduction.
- Co-developed a pro bono AI tool for urban gardeners using MindStudio, Bolt, Supabase, and Redis, leading key user stories and automating document retrieval with Selenium; **Phase 1 outcomes advanced the project to Phase 2**, now moving toward production.
- **Top-3 finalist out of 31 teams** in the SPARK Canada GenAI Innovation Challenge, building LLM-powered features with the Accenture AI Refinery SDK to translate business needs into technical solutions.

WORK EXPERIENCE

Accenture

AI Developer

May 2026 – Present | Toronto

- Partner with account, sales, and client teams to transform business challenges into AI-powered demos, PoCs, and MVPs within 3-5 business days, **shipping 12 PoCs and demos in the first two months** using working prototypes over static presentations to drive stronger client conversations.
- Design and develop full-stack AI applications, from knowledge assistants and voice AI experiences to intelligent business portals, using **RAG, LLMs, and agentic workflows** alongside Azure, Claude Code, Python, and GitHub.
- Contribute to an **agentic build pipeline** automating requirements intake, document grounding, solution planning, code generation, testing, and deployment, improving engineering efficiency and solution quality.
- Iterate on solutions based on client and stakeholder feedback, enhancing accessibility, responsiveness, search functionality, and deployment reliability, resulting in **positive client feedback, follow-on discussions, and increased interest in AI-enabled solutions**.

Applied AI Engineer - Utilities Client

Nov 2025 – Present

- Contributed to the **ETS Service Desk AI Assistant (Google CCaaS)**, modernizing a high-volume legacy IVR (**150+ daily callers**): supported **Phase 1 on-prem migration to GCP (now in production)** and currently building **Phase 2 AI capabilities using CX Agent Studio**, implementing conversational workflows, **prompt orchestration**, and secure API integrations.
- Implementing secure integrations with enterprise systems (**ServiceNow, BigQuery, Cloud Storage**), adding authentication, and **human-in-the-loop controls** to ensure **reliability and observability** of LLM-driven workflows.
- **Debugged and adapted to frequent platform updates during early-stage CX Agent Studio release**, collaborating with Google engineers and internal teams, and client stakeholders to resolve production-level challenges and improve **production readiness** within an **evolving cloud AI stack**.

Data Engineer

Sep 2025 – Oct 2025

- **Designed and implemented a structured data pipeline converting 3000+ XML/HTML documents into normalized JSON** for embedding and RAG workflows, **enabling high-precision semantic retrieval**.
- **Identified key regulatory themes improving the relevance and precision of LLM-generated responses** to complex user queries.
- **Migrated vector search infrastructure** from OpenSearch to Azure OpenAI embeddings, **improving retrieval latency and response consistency** across LLM-powered regulatory queries.
- **Reviewed and validated the Chroma DB vector indexing setup**, ensuring accurate use of structured **JSON data for semantic search**.
- **Supported internal alignment** on project structure, deliverables, and model accuracy goals, helping the team maintain focus and deliver a **cohesive proof-of-concept**.

AI Solution Analyst

Jun 2025 – Aug 2025

- **Collaborated on the integration of MindStudio (AI engine)** with the frontend & backend **utilizing Bolt** (AI-powered web development agent), **Supabase** (data storage), and **Redis** (temporary storage) to **develop a seed prototype AI tool** for urban gardeners developing their backyard or balcony gardens.
- Built **automated prompt-evaluation pipeline** using Python and Selenium to **validate response accuracy and reduce hallucinations** across iterative LLM releases.
- **Owned and developed two key user stories** integrating MindStudio to the web application.
- **Designed modular prompt workflows and response templates** to improve conversational coherence, ecological accuracy, and maintainability across chatbot iterations.
- Operated in **1-week sprints**, delivering **end-of-week functional updates demos** to stakeholders for feedback and iteration.
- **Coordinated with stakeholders** across product, engineering, and content teams **to align on development priorities**.
- **Facilitated structured communication and sprint demos**, keeping deliverables on track and feedback loops active.

AI Solution Developer - SPARK Canada 2025 GenAI Innovation Challenge

Jun 2025 – Aug 2025

- Delivered a scalable **GenAI solution** with enterprise-level impact, ranking in the **top 3 finalist teams out of 31 teams and 124 participants in an internal Accenture competition across Canada**.
- Co-developed NestorAI, a **GenAI powered personal shopping assistant** tailored for retail companies, **leveraging the Accenture AI Refinery**.
- **Built and optimized LLM-powered product features using the Accenture AI Refinery SDK**, implementing context management and prompt refinement strategies to improve personalization accuracy.
- **Initiated and delivered a side-by-side demo** comparing NestorAI with existing platforms like Home Depot, showcasing **out-of-the-box thinking that judges cited as a key differentiator**.
- Collaborated cross-functionally to gather requirements, translate them into technical specifications, and refine the solution blueprint.

AI PROJECT

- Resume Analysis Agent (Full-Stack LLM Application)**
- Oct 2025 – Nov 2026
- Designed and deployed a full-stack AI agent using AWS OpenSearch and OpenAI APIs to analyze resumes and generate structured feedback.
 - Implemented vector search for semantic matching between resumes and job descriptions.
 - Developed backend API in Python and frontend interface in React.

TECHNICAL SKILLS

Backend & Databases Python, Java, PostgreSQL, MongoDB, Supabase, Redis, ChromaDB	Enterprise Platforms Git, Google CCaaS, CX Agent Studio (prompt engineering), AWS, Bolt & MindStudio (low/no-code), Postman, ServiceNow	Frontend & Framework DSPy with GEPA, JavaScript, React, React Native, Next.js, Vue, TypeScript
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CERTIFICATES

Agentic AI Evaluation (Vector Institute) | AWS Certified Cloud Practitioner | Post graduate Certificate in Project Management (LinkedIn)

EDUCATION

- Bachelor of Science Honours in Computer Science (CS)**, York University
- Sep 2018 – Jun 2023 | Toronto, ON
- Bergeron Entrepreneurs in Science and Technology (BEST) Certificate in Technology Entrepreneurship