

Adivya Ganesh

Applied ML Engineer



+971509402346



adigannat@gmail.com



www.linkedin.com/in/adityaganesh-ai

Applied ML Engineer delivering production RAG systems (FastAPI + Postgres/pgvector, OpenAI API) and AWS data platforms (Apache Iceberg on S3 with Glue/Athena). Own SLOs, CI/CD (GitHub Actions), Superset 5.0 (RLS/embedded), and cost governance.

Technical Skills

Languages: Python, SQL, R, C++, C#, Java, PowerShell, Bash

Applied ML: RAG, Embeddings, OpenAI API (GPT-5 models), PyTorch, TensorFlow, FastAPI, Postgres + pgvector, Prompt/Rerank.

DevOps: Docker, Kubernetes (Helm), GitHub Actions (CI/CD), Amazon ECS, Amazon EKS, Redis, Celery.

Automation: n8n, RPA (UiPath, SAP RPA), Model Context Protocol (MCP).

Data & Cloud: Apache Iceberg, AWS (S3, Glue, Athena, RDS – PostgreSQL), PyAthena, PySpark, Terraform.

Analytics: Apache Superset 5.0 (RLS, Embedded), Power BI, Mapbox, deck.gl

Education

Bachelor of Computer Science (Hons)(Artificial Intelligence) September, 2020 – November, 2024

De Montfort University, Asia Pacific University (Dual Certification)

Work Experience

Artificial Intelligence Specialist

April, 2025 – Present

La Capitale, Dubai

- Designed and deployed an Apache Iceberg data lakehouse on AWS S3 with AWS Glue Data Catalog and Athena SQL access; implemented Great Expectations validation to ensure <1% data loss on ~260k-row ingests.
- Built interactive Apache Superset 5.0 dashboards with Row-Level Security, deck.gl maps (Mapbox), and CRM embedding; version-controlled dashboards via YAML in GitHub Actions CI/CD.
- Solo Engineer. User onboarding automation via Superset's REST API, and background tasks via Redis/Celery.
- In production: WhatsApp Cloud API chatbots. FastAPI webhook + media workers, Postgres/pgvector retrieval; defined production SLOs (ingest success ≥99%, p95 ingest ≤60s; assistant p95 ≤5–8s), cost caps, and incident/runbooks.

AI Workflow Architect & Strategist Intern

January, 2025 – March, 2025

GLEAC, Dubai

- Deployed a chatbot that increased client interactions by 91% and reduced time waste by 33%; rolled out AI tools across Tech, QA, Sales, HR & Admin; ran staff upskilling.

Co-Founder (Advisory)

September, 2024 – Present

Bloomingdale Education, India

- Set up finance/security infrastructure; introduced AI as a teacher-assist advisor.

Digital Transformation Management Intern

November, 2022 – March, 2023

Estee Lauder, Kuala Lumpur

- Managed SAP Ariba data for 20,000+ clients; automated workflows to cut repetitive work by 48% across 4 automation projects.

Artificial Intelligence Internship

January, 2019 – January, 2019

Microsoft, Dubai

- Supported cloud and big-data AI projects, assisting in early-stage prototype testing.

Personal Details

DOB: 12-May-2001

Nationality: Indian

Visa Status: UAE Residence

Languages known: English, Hindi (verbal)