Title: AI, Data Science & MLOps Engineer

Department: Technology & Digital

Position Overview:

The AI, Data Science & MLOps Engineer is responsible for designing, building, deploying, and operating enterprise-grade AI and Generative AI solutions across the organization. This is a hands-on, individual contributor role with end-to-end ownership of AI initiatives, from data preparation and model development to production deployment and monitoring.

The role works closely with business and technology stakeholders to translate enterprise data and process requirements into scalable, secure, and production-ready AI solutions. The position emphasizes Generative AI, Retrieval-Augmented Generation (RAG), workflow automation, and robust MLOps practices, ensuring solutions deliver measurable business value while adhering to organizational policies, security standards, and strategic direction.

Key Responsibilities:

- Build and deploy AI and Generative AI solutions from data preparation to production.
- Develop and integrate LLM-based applications (OpenAI or other open-source models).
- Design RAG pipelines using vector databases for document search and knowledge retrieval.
- Work with Microsoft SQL Server to extract, transform, and optimize data for AI use cases.
- Write and optimize SQL queries, stored procedures, and data pipelines.
- Automate AI workflows and integrations using tools like n8n or similar platforms.
- Monitor model performance, reliability, and costs, and continuously improve solutions**.**

Required Competencies:

- **Creating & Conceptualizing**: Strategic thinking, innovation, and visioning capabilities.
- **Leading & Deciding**: Strong leadership, decision-making, and stakeholder engagement.
- **Supporting & Co-operating**: Team development, collaboration, and cross-functional influence.
- **Organizing & Executing**: Operational discipline, project management, and executional excellence.

Qualifications & Experience:

- 3-4 years of experience in AI, Data Science, MLOps, or Backend Engineering.
- Strong Python skills for data processing, APIs, and AI pipelines with experience integrating REST APIs, databases, and external AI services
- Hands-on experience with LLMs, LangChain, LlamaIndex, or similar frameworks.

- Good working knowledge of Microsoft SQL Server and RDBMS concepts.
- Experience with workflow automation tools such as n8n or similar is a must.
- Hands-on experience with Cloud infrastructure (MS Azure/AWS/Others) would be a big plus.