

Natalie Pilkington González

AI/ML Engineer, Python

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PROFESSIONAL SUMMARY

AI specialist with hands-on experience in developing Generative AI and Machine Learning solutions, focusing on information retrieval, NLP, and Responsible AI. Skilled in Python and data engineering, eager to contribute to innovative, scalable projects in a collaborative environment.

TECHNICAL SKILLS

Programming Languages: Python, PostgreSQL, JavaScript, SQL, Bash	Machine Learning Frameworks: TensorFlow, PyTorch, MLFlow, Scikit-learn, Keras
Cloud Platforms & Tools: AWS Sagemaker, Azure AI Foundry, Docker, Kubernetes, CI/CD	NLP & Information Retrieval: LangChain, OpenAI GPT, BERT, SpaCy, RAG pipelines
Version Control & Collaboration: Git, GitHub, Bitbucket, Agile methodologies	

PROFESSIONAL EXPERIENCE

Agentic AI Engineer AlexandrIA Innovation Hub	June - October 2025
<ul style="list-style-type: none">Developed multi-agent swarm solutions for MVP projects using Swarm BuilderBuilt AI agent workflows for code documentation generation and task automationCollaborated with cross-functional teams to design and deploy scalable AI models	
Machine Learning Developer AlexandrIA Innovation Hub	March - June 2025
<ul style="list-style-type: none">Implemented and optimized machine learning models for real-time data processingDeveloped ETL pipelines for seamless data extraction, transformation, and loadingConducted research and stayed updated on AI advancements to enhance solutions	

EDUCATION & CERTIFICATIONS

Master's Degree in Artificial Intelligence
& Big Data

2025

Degree in Software Development

2024

Global Tech University

University of Technology

- Graduated with distinction
- Published research on Responsible AI
- Dean's List recipient
- Built award-winning AI-powered application

AWS Certified Machine Learning Specialist

TensorFlow Developer Certificate

Certified Kubernetes Administrator

Azure AI Engineer Associate

Responsible AI Certification