

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 | AlexandrlA Innovation Hub

June - October 2025

- Developed multi-agent swarm solutions for MVP projects using Swarm Builder
- Built AI agent workflows for code documentation generation and task automation
- Collaborated with cross-functional teams to design and deploy scalable AI models

Machine Learning Developer | AlexandrlA Innovation Hub

March - June 2025

- Implemented and optimized machine learning models for real-time data processing
- Developed ETL pipelines for seamless data extraction, transformation, and loading
- Conducted research and stayed updated on AI advancements to enhance solutions

EDUCATION & CERTIFICATIONS

Master's Degree in Artificial Intelligence & Big Data

University of Technology

- Graduated with distinction
- Published research on Responsible AI

2025 Degree in Software Development

Global Tech University

- 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

2024