

CLARENCE EBEBE

AI/Machine Learning Engineer

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<https://github.com/roipaname> Africa

EXPERIENCE

Software Lead/AI Engineer

Kodah

2024 - Present South Africa

- Designed and deployed advanced AI and automation solutions using Python, TensorFlow, PyTorch, and OpenAI APIs, building production-ready NLP, computer vision, and generative AI pipelines that automated key workflows and reduced operational effort by up to 50%.
- Built and integrated backend automation systems and AI-driven services, including LLM/RAG pipelines, OCR and image-analysis modules, and intelligent decision-automation tools.
- Delivered these as scalable, API-based microservices and backend components to support internal operations and client-facing applications.

Data Scientist

Mipad

2022 - 2024 UK

- Designed, developed, and deployed predictive machine learning models using Python (scikit-learn, XGBoost, Pytorch) and R, delivering insights that improved customer retention rates by 25% and optimized marketing spend allocation
- Created global and personalized real time reports system for executives stakeholders and processes in SAS, Tableau, and proprietary systems
- Worked closely with a team of data engineers and BI analysts to improve the efficiency customer recommendation analytics engine by 33%

Freelance Web/Application Developer

Self-Employed

2020 - 2022 Remote

- Built and maintained responsive, scalable web applications using front-end (React, Vue.js) and back-end (Node.js, Express, Java, Python) frameworks, integrating RESTful APIs and cloud services (AWS, Azure) for business-critical workflows
- Performed EDA, hypothesis testing, and time-series forecasting on large datasets, delivering insights via Power BI, Tableau, and Python visualizations
- Worked in cross-functional Agile teams, participating in sprint planning, code reviews, and CI/CD pipeline management using Git, Docker, and Jenkins to ensure high-quality, timely software releases

EDUCATION/CERTIFICATE

BSC Computer Science with AI

University of Johannesburg

02/2023 - 09/2025 South Africa

ORACLE Cloud AI Practitioner

Oracle

08/2025 South Africa

GCSE A Level

Sacred Heart College

2020 Cameroon

SUMMARY

AI Engineer with 3+ years of experience in machine learning, NLP, RAG, and computer vision, specializing in building and deploying intelligent systems that improve operational efficiency and strengthen data-driven decision-making. Proven track record of engineering and scaling 500+ high-performance parallel processing applications in Python to support complex, business-critical AI workflows. Skilled at integrating deep learning and retrieval-augmented generation models into production environments, bridging the gap between data science and engineering to deliver robust, end-to-end AI solutions.

LANGUAGES

English

Native



French

Native



SKILLS

LLM fine-tuning

Google GCP/Azure

C/C++

Docker/Kubernetes

LangChain

Git

Java

JavaScript

Pytorch

Microsoft Power BI

MLOps

Python

React

RESTFUL/SOAP API

Scikit-Learn

HuggingFace Transformer

SQL/NoSQL

Pinecone/Qdrant

TensorFlow

TypeScript

FAST API

Computer Vision

Zapier

CI/CD

AWS

KEY ACHIEVEMENTS



Published Research

Authored one publication on PhishGuard AI, a multi-modal phishing detection system developed with the University of Johannesburg, leveraging GPT models, computer vision, and synthetic data for cyber-security.