

CLARENCE EBEBE

AI/Machine Learning Engineer

+27 633589251 ebebeclarence55@gmail.com https://www.linkedin.com/in/ebebe-clarence-obini-dinka-a-582ab0240
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.