AURA ORIMBA DOMNIC
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Professional Summary

Dynamic IT professional with a strong focus on artificial intelligence, passionate about helping others understand and utilize AI technology. Proven ability to develop, implement, and train users on AI-powered systems across various sectors, including education and project management. With a deep understanding of machine learning, web development, and foresight strategies, I am eager to contribute my skills and expertise as an AI Trainer at Alligner.

Core Competencies

- AI System Development & Training
- Machine Learning Models & Algorithms
- AI in Education & Project Management
- Training & Curriculum Development
- Python, Django, PHP, MySQL
- Communication & Technical Writing
- Strategic Foresight & Innovation
- Problem Solving & Analytical Thinking

Professional Experience

AI Project Developer & Trainer
Freelance, Kisumu, Kenya
January 2024 – Present

- Developed and implemented AI-driven systems, including school bus tracking, campus project management, and student attendance systems.
- Trained end-users (students, staff, and management) on the effective use of AI-based tools and platforms.
- Provided ongoing support and AI-based troubleshooting, improving system usage and adoption rates.
- Collaborated with development teams to create user-friendly, responsive systems that incorporated AI features for enhanced functionality and experience.

Research Lead & AI Developer
Degree Project - AI in Education, Kisumu
2023 – Present

- Spearheaded a research project focused on the impact of AI in education, exploring AI tools for personalized learning and data-driven insights for student performance.
- Developed a student attendance system integrated with AI to analyze attendance trends and academic performance.
- Conducted workshops to train university staff and students on the adoption and use of AI-based educational tools.

Education

Bachelor of Science in Information Technology
Ongoing

- Specialization: AI in Education, Project Management, Strategic Foresight
- Project: Investigating the role of AI in enhancing learning systems.

Certifications & Training

- Machine Learning & AI Basics – Allison
- Full Stack Development (Django, Bootstrap) – Udemy
- AI in Education – Kirinyaga University

Technical Skills

- **Programming Languages:** Python, PHP, JavaScript
- **AI Tools:** Machine Learning (scikit-learn, TensorFlow), Natural Language Processing
- **Frameworks & Databases:** Django, Bootstrap, MySQL
- **Web Development:** HTML5, CSS3, JavaScript
- **Version Control:** Git, GitHub

AI & Technical Projects

AI-Driven Project Management System

- Developed a Django-based project management tool for university students, featuring AI-enabled task tracking and automated project reports.

Student Attendance System with AI Analytics

- Built an interactive attendance system using QR codes and AI-based analysis to ensure real-time tracking and reporting of attendance.

AI-Based School Bus Tracking System

- Designed a real-time tracking system with AI capabilities for route optimization and safety monitoring, enhancing school transportation services.

Personal Attributes

- Excellent communicator with strong teaching and mentoring skills
- Passionate about AI applications and education
- Skilled in simplifying complex AI concepts for diverse audiences
- Quick learner with a growth mindset

References
Available upon request.