

AMOS KIBET

+254-76500-572 · amosmaru10@gmail.com · [Website](#)
[Linkedin](#), [GitHub](#), [Twitter](#)

DATA SCIENTIST

Welcome to the Data Enthusiast, ML Expert, and AI Developer portfolio! With a passion for transforming raw data into actionable insights, this dedicated individual focuses on drawing meaningful conclusions and crafting scalable Machine Learning solutions. Armed with expertise in Artificial Intelligence (AI) development, the mission is to make a real-world impact by unlocking the combined power of data and AI for a better future

KEY COMPETENCIES

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|---------------------------------------|------------------------------|-----------------------|
| • Data Transformation | • Innovative Problem-Solving | • Continuous Learning |
| • Machine Learning Mastery | • Business Intelligence | • Team leadership |
| • Artificial Intelligence Development | • Product Launch Expertise | • Communication |
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PROFESSIONAL EXPERIENCE

Mche-Agricultural Ventures

Data science and AI Developer

April 2023 - Present

- Established and co-founded Mche, a groundbreaking platform dedicated to addressing the challenges faced by smallholder farmers in Kenya and across Africa.
- Successfully designed and implemented a system allowing farmers to select optimal locations for cultivation, receive crop-specific advisories, and engage with extension officers through a user-friendly interface.
- Introduced a multilingual feature, enhancing accessibility for smallholder farmers by providing advisories in English, Swahili, and future languages, considering the diverse linguistic landscape.
- Pioneered an AI chatbot feature, enabling farmers to seek instant assistance, enhancing their knowledge and decision-making capabilities.
- Implemented a comprehensive market intelligence system, empowering farmers to make informed decisions on pricing by showcasing trends in both retail and wholesale markets.
- Established an online marketplace within the platform, connecting farmers directly with buyers and expanding market reach for high-quality produce.
- Facilitated the sale of low-quality produce through the platform, forging partnerships with Animal Feed Suppliers and Livestock farmers.
- Secured notable achievements, including winning the Mozilla Africa Startup Event 2023, the UK Tech Hub Hackathon 2023, and the Afex Code Cash Crop 2023.
- Positioned Mche for future success, with plans to transition into a startup in 2024, aiming to further revolutionize the agricultural landscape.

Intel-GPT**Oct 2023- Nov 2023****Data science and AI Developer**

- Spearheaded the development of the Intel-GPT project, a transformative initiative designed to empower small businesses and enterprises with AI-driven analysis capabilities.
- Enabled businesses to upload diverse datasets, leveraging AI algorithms to transform raw data into insightful graphical analyses for enhanced decision-making.
- Developed an intuitive dashboard, providing users with easy access to graphical interpretations of complex datasets, promoting a user-friendly analytical experience.
- Implemented an interactive chat feature with AI, facilitating deeper understanding of data insights and promoting user engagement with the platform.
- Offered users the flexibility to download generated insights, empowering them to utilize the findings for further analysis or reporting.
- Participated in the Africa-to-Silicon Valley General AI Challenge, achieving significant success by reaching the semi-finals.
- Demonstrated the ability to harness AI power for real-world applications, contributing to the advancement of data analysis tools for businesses.

Derma-AI**Jan 2023- March 2023****Data science and AI Developer**

- Led the development of the DermaAI project, a revolutionary initiative focused on creating a skin disease image classifier.
- Successfully designed and implemented an advanced image classifier capable of accurately identifying various skin diseases based on user-uploaded images.
- Integrated the classifier into a user-friendly website, providing individuals with a platform to upload photos of their skin diseases and receive precise and efficient diagnoses.
- Demonstrated a commitment to leveraging AI for healthcare applications, enhancing accessibility to accurate diagnostic tools for skin-related conditions.

EDUCATION

Jomo Kenyatta University Of Agriculture And Technology

Bachelor of Sciences Agricultural & bio systems engineering

Moring School

Graduate Certificate in Data analyst, data visualization & Machine Learning Engineer

Nairobi School

Kenya Certificate of Secondary Education (KCSE)
