

OWINO GODFREY

CONTACT

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EDUCATION

BACHELOR OF SCIENCES
in INFORMATION
SCIENCES
/IT OPTION

Moi university Main campus
Eldoret, Kenya
2016-2021

Graduated with second class
upper division honours

JSM Masterclass Experience**
Remote | 2022–2023
- Advanced AI and Machine
Learning in Web Development

SKILLS

- Full-Stack Development (MERN Stack)
- AI/Machine Learning
- Next.js
- React.js
- Node.js
- Express.js
- MongoDB, SQL,
- REST APIs,
- TypeScript
- Natural Language Processing
- Computer Vision
- Cloud Computing (AWS, GCP), Docker,

PROFILE

Summary

Innovative Full-Stack Developer specializing in AI integration, creating powerful, intelligent web applications from concept to deployment. Expert in MERN stack, Next.js, and cutting-edge AI technologies, with a proven track record of developing solutions that significantly enhance user engagement and business efficiency

PROFESSIONAL EXPERIENCE

AI Integration Specialist & Full-Stack Developer (Freelance)

Remote | Current

- Pioneer AI-driven solutions that revolutionize business operations and user experiences across diverse industries.
- Develop end-to-end web applications integrating advanced AI features, resulting in up to 50% improvement in operational efficiency for clients.
- Utilize machine learning models and natural language processing to create intelligent, responsive systems.
- Design and implement full-stack web applications with a focus on AI integration and intelligent features.
- Reduced server response times by 60% through optimized backend architecture and AI-assisted caching strategies.
- Implement advanced AI-powered features such as predictive analytics and personalized user experiences

Full-Stack Developer - YCenter Shamba Solutions

Remote | 2024 – Present

- Led the development of Shamba Assistant, an AI-powered agricultural management platform.
- Architected and implemented a comprehensive full-stack solution using Next.js, Node.js, and MongoDB, integrated with custom AI models for crop analysis and prediction.
- Increased farm productivity by 30% through AI-driven insights and automated decision-making processes.

- CI/CD
- Git
- Excellent communication skills, both verbal and written, with the ability to effectively interact with stakeholders
- Experience in planning, organizing, and controlling operations to achieve desired outcomes.

Full Stack Intern – Goddan

Nairobi

- Pioneer AI-driven solutions that revolutionize business operations and user experiences across diverse industries.
- Develop end-to-end web applications integrating advanced AI features, resulting in up to 50% improvement in operational efficiency for clients.
- Utilize machine learning models and natural language processing to create intelligent, responsive systems

PROJECTS

SkillSync AI

AI-Powered Education Platform

- Engineered an intelligent learning management system leveraging NLP and machine learning for personalized education.
- Implemented AI-driven content generation and adaptive learning paths, increasing course completion rates by 40%.
- Technologies: React, Next.js, Typescript, Prisma, TensorFlow.js, NLP APIs

NoteFlow

AI-Enhanced Digital Workspace

- Developed a Notion-inspired platform with AI-powered organization and content suggestions.
- Integrated natural language processing for smart tagging and contextual search, improving information retrieval by 50%.
- Technologies: Next.js, Convex, Tailwind CSS, OpenAI API

Shamba Assistant AI

Intelligent Farming Solution

- Created a comprehensive AI-driven farming assistant, integrating IoT sensors and machine learning models.
- Implemented computer vision for crop disease detection and predictive analytics for yield optimization.

REFERENCES

References available upon request.

