

OTIENO KEVIN OKOMBA

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INFORMATION TECHNOLOGY, SOFTWARE DEVELOPER CYBER SECURITY & DATA ANALYTICS PROFESSIONAL

Kevin Okomba is an IT professional. He is a dedicated, goals-oriented, highly motivated researcher and professional in Cyber Security, Data Analytics, Blockchain Technology, Artificial Intelligence, Deep Learning, Machine Learning and Computer Science with exceptional ability to shape the future. Has over 3 years of comprehensive experience in training, data analytics, software development, consultancy, management, to operational and strategic leadership.

SPECIALIZATION, COMPETENCIES & SKILLS

- ✓ Professional Trainer in Blockchain Technology, Data Analytics, Smart Cities, Smart Campuses, Data Protection, Cyber Security, Digital Forensics, Threat Intelligence, Vulnerability Management, Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Internet of Things (IoTs), ICT Governance, ICT Strategies, Policies and Procedures Development, and ICT Management.
- ✓ Information Systems Audit, IT Governance, Risk Assessment, Compliance and Management.
- ✓ Static and Dynamic Malware Analysis.
- ✓ Penetration Testing, Intrusion Prevention and Detection.
- ✓ Software & System Threat and Vulnerability Assessment.
- ✓ Blockchain Technology, Artificial Intelligence, Machine Learning, Deep Learning & Natural Language Processing.
- ✓ Advanced Data Analytics using Audit Command Language (ACL).
- ✓ Mobile Applications Development using (Flutter, swift native, kotlin and java)
- ✓ Software development using Python, PHP, JavaScript and Java programming languages.
- ✓ Level I, II information technology support.
- ✓ Expert in Microsoft Systems and Products.
- ✓ Teamwork, organization, and time management.
- ✓ Management and leadership skills.
- ✓ Meticulous attention to detail.
- ✓ Analytical and problem-solving skills.
- ✓ Project negotiation, monitoring, evaluation, and management skills.
- ✓ Excellent verbal and written communication skills.
- ✓ Proposal and report writing skills.
- ✓ Code source control using bit and git

ACADEMIC QUALIFICATIONS

Kisii University, Kisii, Kenya [2017- 2021]

Bachelor of Science - Information Technology (Second Class Honors)

Otieno Oyoo High School, Kisumu, Kenya [2013 - 2016]

Kenya Certificate of Secondary Education (B+ Plus)

Sigoti Primary School, Kisumu, Kenya [2005 - 2012]

Kenya Certificate of Primary Education (337/500 Marks)

PROFESSIONAL QUALIFICATIONS

TechMindset Africa, Nairobi, Kenya [April 2021]

Certificate in Artificial Intelligence and Machine Learning

Emobilis Training Institute, Nairobi, Kenya [May 2020]

Certificate in Software Development (Credit)

PROFESSIONAL EXPERIENCE & ACHIEVEMENTS

Softbyte Technologies Limited, Nairobi, Kenya [Jan 2021– Current]

Lead Developer

1. Coordinating, providing guidance, scheduling, organizing, and assigning projects and duties to members of the development team.
2. Recommending for the hiring and conducting performance evaluations that are timely and constructive for the development staff.

3. Researched, designed, implemented, tested, evaluated, and managed new and existing software programs.
4. Identified areas for modification in existing software programs and subsequently developing these modifications.
5. Improved system quality by identifying issues and common patterns and developed standard operating procedures and quality assurance procedures.
6. Deployed software tools, processes, and metrics and trained users on new and existing systems.
7. Maintained and upgraded existing systems.
8. Design, Develop , Test, Document, deploy and train new software systems.

Projects:

1. Community engagement System for Nairobi County (Hatua app and web).
2. Special needs e-learning system for Kenya Alliance Resident Association (KARA app and web).
3. Charity donation system for Kenyan schools, churches and Hospitals. (Endevu app and web).
4. Retail and Hotel point of Sale system for both SMEs and supermarkets(Nawiri pos app , web and desktop app)
5. Airport Permit & Identity Management System for Kenya Airports Authority (KAA).
6. Information Systems Audit for Industrial & Commercial Development Corporation (ICDC).
7. Foreign Nationals Management Services & Biometrics Registration System for the Department for Immigration Services, Ministry of Interior and Coordination of National Government.
8. Car inspection system for the Zambian Worthiness Inspection (ZBW).
9. Survey creation and collection system (KTWA survey app and web portal)

COMMUNITY & VOLUNTEER WORK

House of Hope Medical, Kisumu, Kenya

IT Support, Volunteer [Jan 2018 – December, 2021]

1. Assist in giving the strategic direction, approval of policies, financial statements, annual budgets and giving the overall financial stewardship regarding IT solutions
2. Assist in making decisions regarding the day- to-day IT operations on behalf of the shareholders.
3. Assist in giving accurate and dependable accounting information in investment decisions to the shareholders.

PROFESSIONAL MEMBERSHIPS

Member - Commonwealth Scholarships Alumni Association of Kenya (CSAAK) [September 2020 – Current]

RESEARCH AREAS

1. Blockchain Technology, Cyber Security, Digital Forensics, Smart Cities, Smart Campuses, Artificial Intelligence, Machine Learning, Deep Learning and Natural Language Processing.
2. ICT for Development - Cyber Security, Investigations, Health, Education and Finance, Smart Vehicles, Cities and Campuses.

REFERENCES

1. Dr. David Okong'o

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2. Architech. Nickson Onyuka

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3. Dr. George Mbatia

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