

Meg Musinzi Akhonya

Blockchain Developer

| Information Systems Strategy | Blockchain Technology Expertise | Smart Contract Development | Enterprise Resource Planning | IT Governance and Compliance | Tokenomics and Token Standards | Consensus Mechanisms | Web3.js and blockchain APIs | Information Security and Risk Management | Continuous Learning
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PROFESSIONAL PROFILE

Highly skilled and versatile professional currently pursuing a Master's in Information Systems Management with a focus on strategic management, information systems, blockchain development, and web development. Actively engaged in the Women Techsters Fellowship Program for Blockchain Development, showcasing proficiency in Solidity, JavaScript, and project optimization. With a proven track record in strategic management consulting, project leadership, and innovative initiatives, I have successfully reduced project completion times by 20% through restructuring at the Energy and Petroleum Regulatory Authority (EPRA). Adept at bridging the gap between strategic thinking and technical execution, I bring comprehensive expertise in blockchain technology, smart contract development, and cryptography. Eager to contribute to dynamic roles that blend strategic management principles with innovative blockchain solutions and web development, reflecting my commitment to continuous learning and digital leadership.

Professional Strengths

- ✓ **Tech Mastery:** Transitioning seamlessly from strategic management to technology, with a focus on blockchain development. Acquiring skills in web development and achieving AWS certification
- ✓ **Strategic Optimization:** Proven ability to optimize organizational processes, reducing project completion times by 20% through strategic restructuring at EPRA
- ✓ **Project Leadership:** Led projects such as ERP implementation and cryptocurrency creation, showcasing leadership skills in both simulated and real-world scenarios.
- ✓ **Tech Innovation and Integration:** Passionate about merging strategic acumen with cutting-edge technology, aiming to bridge the gap between strategic management principles and innovative blockchain solutions.
- ✓ **Strategic Communication:** Proficient in strategic communication, preparing reports, presentations, and communications for internal and external distribution at EPRA.

PROFESSIONAL EXPERIENCE

Intern Corporate Strategy | January 2020 – April 2020

Energy and Petroleum Regulatory Authority (EPRA)

Key Deliverables

- ✓ Assisted with administrative and research work for strategic management projects, contributing to the improvement of the Authority's management and efficiency
- ✓ Conducted business research and collected data to analyse and identify areas for improvement.
- ✓ Prepared reports for senior strategists, aiding in the drafting of communications for internal and external distribution.
- ✓ Filed documents systematically, ensuring safe and orderly document management for effective accessibility.
- ✓ Supported the team in creating presentations and reports for senior management, contributing to strategic communication efforts.
- ✓ Collaborated with cross-functional teams to gather data and insights for strategic decision-making.

ACHIEVEMENTS

- ✓ Restructured task assignments and communication channels, resulting in a 20% reduction in project completion time and improved collaboration among team members.

- ✓ Implemented an organization and labelling system, assessing resources, understanding user needs, designing a logical structure, creating standardized labels, conducting staff training, and monitoring the system's impact. Aimed to improve resource accessibility and efficiency within EPRA's resource center
- ✓ Advised on establishing and utilizing social media pages for customer engagement and advertising, increased visibility, attracted new customers, and facilitated direct interaction, leading to improved sales.
- ✓ Achieved a 15% increase in customer retention, contributing to a significant boost in annual revenue.
- ✓ Negotiated new vendor contracts, saving the business 10% on procurement costs.

EDUCATION

Master of Science in Information Systems Management

KCA University

Blockchain Development

Women Techsters Fellowship Program

Bachelors of Science in Strategic Management

Jomo Kenyatta University of Science and Technology

CERTIFICATIONS / TRAINING

- ✓ Ethereum Blockchain Developer Bootcamp with Solidity | Udemy
- ✓ Ethereum and Solidity, The Complete Developer's Guide | Udemy
- ✓ Certificate in Blockchain and Bitcoin Fundamentals | Udemy
- ✓ Certification in Blockchain | LinkedIn, Online Learning
- ✓ Ethical Hacking: Smart Contracts | LinkedIn Online Learning
- ✓

PROGRAMMING LANGUAGES

- ✓ Solidity
- ✓ JavaScript

PROJECTS

1. Enterprise Resource Planning (ERP) Implementation

Undertook a project to implement an ERP system in a simulated business environment

2. IT Governance and Compliance Assessment

Conducted an assessment of IT governance and compliance within an organization where I developed recommendations to ensure that IT processes align with organizational goals and comply with relevant regulations and standards.

3. Decentralized Voting System (DApp)

<https://github.com/megakhonya/voting-dapp>

- ✓ Developed a decentralized voting application using Ethereum blockchain and Solidity smart contracts.
- ✓ Implemented user authentication, ballot creation, and vote-casting functionalities.
- ✓ Ensured security and transparency of the voting process through cryptographic techniques.

4. Wallet Card

<https://github.com/megakhonya/react-app-WalletCard>

- ✓ Created a wallet card solution for secure storage and management of cryptocurrency assets.
- ✓ Implemented multi-currency support, transaction history tracking, and secure authentication.

5. Decentralized E-commerce Website

<https://github.com/megakhonya/decentrade>

- ✓ Designed and developed a decentralized e-commerce platform leveraging blockchain technology.
- ✓ Implemented smart contract functionalities for managing product listings, transactions, and order fulfilment.
- ✓ Ensured data integrity and security using cryptographic techniques.

6. Staking Decentralized Application (DApp)

<https://github.com/megakhonya/defi-staking-app-starter>

- ✓ Developed a staking decentralized application allowing users to participate in network consensus and earn rewards.
- ✓ Implemented staking mechanisms, reward distribution logic, and user interface for interaction with the application.

7. Ethereum Swap

https://github.com/megakhonya/eth_swap_dapp

- ✓ Created an Ethereum swap platform enabling users to exchange ETH for other tokens and vice versa.
- ✓ Implemented secure and efficient token swaps using smart contracts and blockchain transactions.

8. ERC20 Token

<https://github.com/megakhonya/erc20-token>

- ✓ Developed an ERC20-compliant token on the Ethereum blockchain for specific use cases.
- ✓ Implemented token functionalities including transfer, approval, and balance management according to ERC20 standards.

INDUSTRY EXPERTISE

- ✓ Blockchain Technology
- ✓ Technology and Business Strategy
- ✓ Strategic Management and Planning
- ✓ Data Governance
- ✓ Continuous Learning and Adaptability

CAREER INTERESTS/ PASSIONS

- ✓ Web Development
- ✓ Strategic Management and Business Innovation
- ✓ Information Systems and Technology Trends
- ✓ Blockchain Technology
- ✓ Women in Tech and Diversity Advocacy
- ✓ Entrepreneurship and Startups
- ✓ Digital Leadership and Management

PUBLICATION

- ✓ Reward Strategies on Performance of Organizations

A Case Study of Kenya Medical Supplies Authority KEMSA. I conducted the research to identify and illustrate the influence of reward systems and strategies on the performance of organizations.