

## **Blockchain & Web3 Technical Writer | Digital Business Educator**

**Msimphe Close, Avondale, Lusaka, Zambia**

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### **PROFESSIONAL SUMMARY**

Technical writer and blockchain educator with 12+ years of software development and systems integration. Currently specializing in simplifying complex Web3 concepts for beginners. Combines deep technical expertise (full-stack development, API development and integration) with clear, educational writing focused on blockchain safety and digital business fundamentals.

**Core Mission:** Protecting crypto newcomers from the \$6.5B+ annual scam epidemic through honest, practical education that cuts through industry hype.

### **BLOCKCHAIN & WEB3 EXPERTISE**

Active Experience Since 2021:

- Smart Contract Addresses & Blockchain Architecture
- Cryptocurrency Transactions & Gas Fees Optimization
- Wallet Security (Custodial, Non-Custodial, Hardware, Software, Mobile)
- Common Crypto Scams Identification & Prevention (Pig Butchering, Rug Pulls, Phishing, Fake DApps)
- Decentralized Applications (DApps) Architecture & User Experience
- DeFi Protocols & Yield Farming Mechanisms
- Web3 Integration & API Development
- Cryptocurrency Exchange Systems & Trading Platforms
- Blockchain Explorer Navigation & Transaction Verification

**Technical Understanding:**

- Ethereum, Bitcoin, Binance Smart Chain, Polygon architecture
- MetaMask, Trust Wallet, Ledger, Trezor implementation
- Cross-chain bridges and interoperability protocols
- Token standards (ERC-20, BEP-20) and smart contract auditing basics

## **WRITING & CONTENT CREATION**

### **Published Work:**

- Medium Portfolio: 5+ educational articles on crypto scams, blockchain fundamentals, and beginner safety
- Focus Areas: Common crypto scams, wallet security, DApp safety, investment fraud prevention, Web3 onboarding

**Audience:** Beginners exploring cryptocurrency, digital business professionals, emerging market users

### **Writing Specializations:**

- Technical documentation & API guides
- Educational content for non-technical audiences
- Scam awareness & consumer protection content
- Mobile-first crypto solutions for African markets
- Systems integration documentation (SOAP, REST APIs, JSON, XML)

### **In Development:**

- Comprehensive crypto safety guides
- Beginner-focused blockchain education series
- Web3 security best practices for emerging markets series

## **TECHNICAL SKILLS**

### **Development & Integration**

- Languages: PHP, HTML/CSS, CFML, JavaScript, VB6, ASP, SQL

- Frameworks: LAMP stack, XAMPP, Laravel, CodeIgniter
  - Mobile Development: Android (Eclipse IDE, Android Studio), USSD systems, SMS platforms
  - Databases: MySQL, PostgreSQL, Oracle, MS SQL Server
  - APIs & Integration: RESTful APIs, SOAP, XML, JSON, third-party API integration (MNOs, financial institutions)
  - Blockchain Tools: Web3.js, Ethers.js, blockchain explorers (Etherscan, BSCScan)
- Systems & Infrastructure
- Operating Systems: Linux, Windows Server, Android
  - Content Management: Custom CMS development
  - Cloud & Hosting: Server configuration, performance optimization, debugging
  - Security: Secure API design, data encryption, vulnerability assessment

### **Project Management & Analysis**

- Methodologies: PRINCE2, Agile, ITIL best practices
- Data Analysis Tools: SPSS, EPI INFO, MS Excel
- Documentation: Technical specifications, API documentation, training materials and user manuals

## **PROFESSIONAL EXPERIENCE**

### **Tekeniko Solutions Limited | Lusaka, Zambia**

#### **Business Development & Director | July 2016 – Present**

- Developed mobile survey management systems with automatic airtime integration (GeoPoll/MAI API)
- Created API documentation for MNO (Mobile Network Operator) integration
- Built SaaS-based Information Management Systems for SMEs.

- Designed and implemented mobile-solutions (MyWatSan Customer Solution & API module)
- Managed technical contractors and cross-functional development teams
- Developed online/offline data collection tools.

**Key Achievement:** Successfully integrated micro-payment systems with mobile survey platforms, enabling seamless airtime top-ups for survey participants.

## **Savannah Communications Limited | Lusaka, Zambia**

**Assistant Technical Manager – Design and Development | January 2015 – May 2016**

- Led technical department supervision and work planning for development teams
- Designed and developed IT solutions through client engagement and problem analysis
- Prepared comprehensive API documentation
- Facilitated short-code integration with mobile network operators
- Created test case scenarios and managed software development iterations
- Managed international development contractors and technical teams

**Key Achievement:** Successfully integrated multiple payment gateway APIs and MNO short-codes, enabling seamless mobile money transactions for enterprise clients.

## **The Engineering Institution of Zambia | Lusaka, Zambia**

**Regional/Information Systems Manager | February 2009 – June 2011**

- Served as Subject Matter Expert (SME) and single point of contact for ICT service management
- Established institution's server infrastructure and document management systems
- Developed IT policy, strategy, and disaster recovery procedures
- Managed data-information-knowledge-wisdom (DIKW) frameworks

- Provided technical advisory and analysis on technical matters

**Key Achievement:** Designed and implemented complete ICT infrastructure from ground up, including server setup, document management, and engineers management system.

## **EDUCATION & CERTIFICATIONS**

### **Bachelor of Arts with Library and Information Studies**

The University of Zambia | 1996 – 2002

### **Cisco Certified Network Associate (CCNA) Training**

The University of Zambia, Department of Computer Science | 2004

Modules: CCNA 1, 2, 3, 4

### **Oracle Database Certification**

CopperNET Solutions Limited | 2002

Modules: Oracle 8 SQL, PL/SQL, Forms, Reports

### **Microsoft SQL Server & Windows Server Certification**

Knowledge Cube | 2008

- SQL Server 2000: System Administration, Database Design & Implementation
- Windows Server 2003: Management, Maintenance & Network Infrastructure

## **BLOCKCHAIN-SPECIFIC PROJECTS & CONTRIBUTIONS**

### **PORTFOLIO HIGHLIGHTS**

**Technical Writing Samples Available:**

- "Common Crypto Scams Beginners Should Avoid" (Medium)
- "How Blockchain Technology is changing Digital Business"
- "Wallet Security 101: Custodial vs. Non-Custodial Solutions"
- "How Cryptocurrency Transactions work"
- The Complete Guide to Crypto Wallet Security

#### **Technical Documentation on github:**

- API integration guides for MNO systems
- Mobile payment gateway implementation documentation
- Systems integration specifications (SOAP/REST)
- User manuals for SaaS platforms

#### **WHAT I BRING TO BLOCKCHAIN TECHNICAL WRITING**

- ✓ Technical Depth: 12+ years developing systems, APIs, and mobile solutions
- ✓ Crypto Experience: 4+ years active in Web3, DeFi, wallets, and DApps
- ✓ Clear Communication: Proven ability to translate complex tech for non-technical audiences
- ✓ Scam Awareness Expertise: Deep knowledge of crypto fraud tactics and prevention
- ✓ API Documentation: Extensive experience writing technical specs for integration
- ✓ African Market Insight: Understanding of unique challenges in emerging crypto markets

#### **REFERENCES**

##### **Dr. Lemba D. Nyirenda**

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