Blockchain & Web3 Technical Writer | Digital Business Educator

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PROFESSIONAL SUMMARY

Technical writer and blockchain educator with 12+ years of software development and systems integration experience, specializing in making complex Web3 concepts accessible to beginners. Combines deep technical expertise (full-stack development, API integration, mobile systems) with clear, educational writing focused on cryptocurrency 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

- NFT Standards (ERC-721, ERC-1155) & Marketplaces

- 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

- USSD/SMS-based crypto solutions for mobile-first markets

- 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 (12 years experience)

- 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

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: Joomla, WordPress, 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, user guides, training materials

PROFESSIONAL EXPERIENCE

Tekeniko Solutions Limited | Lusaka, Zambia

Business Development & Director | July 2016 – Present

- Developed mobile survey management systems with automatic cryptocurrency airtime integration (GeoPoll/MAI API)

- Created API documentation for MNO (Mobile Network Operator) integration and financial services

- Built SaaS-based Information Management Systems for SMEs across Africa

- Designed and implemented mobile-first solutions (MyWatSan Customer Solution & API module)

- Managed technical contractors and cross-functional development teams

- Developed online/offline data collection tools for telemetry and field research

Key Achievement: Successfully integrated cryptocurrency 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 for financial institutions and MNOs

- Facilitated short-code integration with mobile network operators

- Conducted technical brainstorming sessions for solution design and development roadmaps

- Created test case scenarios and managed software development iterations

- Managed international development contractors and technical deliverables

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

- Created and maintained comprehensive user documentation for all information systems

- Managed data-information-knowledge-wisdom (DIKW) frameworks

- Provided technical advisory and analysis on specialized systems

Key Achievement: Designed and implemented complete ICT infrastructure from ground up, including server room setup, document management, and member file systems.

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

General Certificate of Education

Canisius Secondary School | 1985 – 1989

BLOCKCHAIN-SPECIFIC PROJECTS & CONTRIBUTIONS

Crypto Safety Education Initiative (2021 – Present)

- Researching and documenting emerging cryptocurrency scams (pig butchering, AI deepfakes, fake DApps)

- Creating beginner-focused guides on wallet security and transaction verification

- Analyzing real-world crypto incidents (Trust Wallet hack, exchange collapses, rug pulls)

- Developing educational content on contract address verification and scam detection

Web3 Technical Documentation (2022 – Present)

- Creating tutorials on blockchain explorer navigation (Etherscan, BSCScan)

- Documenting DApp interaction best practices for beginners

- Developing mobile-first crypto adoption strategies for African markets

API Integration for Crypto Platforms (2021 – Present)

- Integrated cryptocurrency payment gateways for mobile survey platforms

- Developed automatic airtime top-up systems using crypto micro-payments

- Created API bridges between traditional mobile money and cryptocurrency systems

PORTFOLIO HIGHLIGHTS

Writing Samples Available:

- "Common Crypto Scams Beginners Should Avoid" (Medium)

- "Understanding Smart Contract Addresses: A Beginner's Guide"

- "Wallet Security 101: Custodial vs. Non-Custodial Solutions"

- "How to Verify Cryptocurrency Transactions Like a Pro"

- "DApp Safety: Red Flags Every Beginner Must Know"

Technical Documentation:

- 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

☑ Mobile-First Focus: Experience building solutions for emerging markets and mobile user

☑ API Documentation: Extensive experience writing technical specs for integration

☑ African Market Insight: Understanding of unique challenges in emerging crypto markets

LANGUAGES

- English: Native/Fluent (Writing & Speaking)

- Technical Languages: SQL, PHP, JavaScript, HTML/CSS, Solidity (basic)

REFERENCES

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