ANDERSON MITAMBO MWANGI

Full Stack Developer

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PROFESSIONAL SUMMARY

Dynamic Full Stack Developer with 3+ years of experience building responsive, scalable web applications using modern JavaScript frameworks and backend technologies. Skilled in Next.js, React, TypeScript, Node.js, and diverse database systems. Successfully delivered 15+ client projects, including enterprise-level applications that reduced operational costs by up to 70%. Experienced in creating intuitive user interfaces while implementing efficient backend solutions with a commitment to performance optimization and security best practices.

WORK EXPERIENCE

Freelance Full Stack Developer

Self-Employed, Nairobi, Kenya | *Jan 2025 – Present*

- Delivered 15+ custom web applications for diverse clients, increasing client revenue by an average of KES 300,000+
- Built responsive, user-centric interfaces using React.js, Next.js, and TailwindCSS that adapted seamlessly across devices
- Implemented secure authentication systems and API integrations for enhanced functionality and data protection
- Designed and optimized database schemas that improved query performance by up to 40%
- Provided technical consulting for clients on scaling digital solutions and optimizing workflows

Junior Full Stack Developer

Bakari Ventures, Nairobi, Kenya | *Oct 2024 – Jan 2025*

- Led development of 3 enterprise-level applications, reducing client manual workload by 70%
- Optimized backend APIs using Node.js and Express.js, improving response times by 50%

- Implemented Redis caching and database query optimization, accelerating load speeds by 40%
- Enhanced system security through authentication measures and role-based access controls, preventing 500+ potential threats
- Provided technical consultation that increased customer satisfaction by 85% and drove KES 500,000 in revenue growth

IT Intern – Digital Systems & Database Management

Office of the Registrar of Political Parties (ORPP), Nairobi, Kenya | *Jan 2024 – Sep 2024*

- Helped develop RegisVault, a Digital File Management System that digitized 100,000+ documents
- Created automated data validation scripts that reduced manual workload by 30%
- Collaborated on system enhancements that decreased document retrieval time from days to seconds

IT Intern – Legal Information Systems

Kenya Law, Nairobi, Kenya | *Sep 2023 – Jan 2024*

- Optimized case law databases, reducing search time by 40% through improved indexing
- Developed document archiving solutions that enhanced organization and compliance
- Conducted system testing and bug fixes to improve application stability

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KEY PROJECTS

BookWise - University Library Management System

Soma Library | Live Demo

- Developed a comprehensive library management system using Next.js, TypeScript, React, and TailwindCSS
- Digitized 50,000+ book records with intuitive search and borrowing functionality
- Implemented mobile-responsive design and real-time availability updates
- Reduced book processing time by 75% and increased student borrowing by 40%

RegisVault - Digital File Management System

Office of the Registrar of Political Parties | Live Demo

- Built secure document management platform with OCR capabilities using Next.js, TypeScript, React, and TailwindCSS

- Implemented role-based access control and advanced search functionality
- Reduced document retrieval time from days to seconds
- Cut operational costs by 35% annually while improving regulatory compliance

Minty - Banking Web Application

Jaza | [Live Demo](#)

- Created secure banking application with Next.js, TypeScript, TailwindCSS, and Framer Motion
- Integrated M-Pesa payment system and implemented robust authentication
- Increased new youth accounts by 45% in the first quarter
- Processed over Ksh 2.5 million in transactions within two months of launch

LaundryBasket - Laundry E-commerce Platform

Cleanex Laundry Services | [Live Demo](#)

- Developed marketplace connecting 25+ laundry providers with 3,000+ customers using Next.js, JavaScript, TailwindCSS, PostgreSQL, and Docker
- Implemented seamless payment processing via PayPal and M-Pesa
- Built real-time order tracking and customer loyalty features
- Increased vendor revenue by 65% and processed 5,000+ orders in first year

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EDUCATION & CERTIFICATIONS

- **Bachelor of Science in Information Technology** *Jomo Kenyatta University of Agriculture and Technology (JKUAT)*, 2025
- **Junior Cybersecurity Certificate** *Cisco Networking Academy*, 2024
- **Python for Data Science Certificate** *IBM*, 2024
- **IBM Data Engineering Certificate** *IBM*, 2024
- **ALX Backend Development Course** (ongoing) *ALX*

TECHNICAL SKILLS

- **Frontend**: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS, Responsive Design
- **Backend**: Node.js, Express.js, RESTful APIs, GraphQL
- **Databases**: MongoDB, Redis, Neon Postgres, Appwrite
- **DevOps**: Git, GitHub, Docker, CI/CD pipelines
- **Cloud Services**: Firebase, AWS basics

- **Security**: Authentication, Authorization, Data Encryption
- **Tools**: Postman, VS Code, npm, Webpack

LANGUAGES

- English (Fluent)
- Swahili (Native)

REFERENCES

Mr. Martin Andago Head ICT Department, Kenya Law Tel: +254-719-666-382 Email: mandago@kenyalaw.org

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