CHARLES NDIRANGU MWANGI

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PROFESSIONAL SUMMARY

Dedicated Software Developer with 2+ years of experience building, securing and maintaining full-stack web applications and business software. Skilled in online payments, secure user accounts and systems that keep sales, stock and financial records accurate. Works with React, Next.js, TypeScript, Node.js, Python, C# and PostgreSQL, and uses AI-assisted tools while owning design, code review and quality.

CORE COMPETENCIES

- Full-Stack Web Development
- Front-End Development (React)
- Back-End & API Development
- Database Design & Management
- Online Payment Integration
- Secure Login & Web Security
- Business & Accounting Software
- Customer Service Support
- Automated Testing
- Version Control (Git & GitHub)
- Data Analysis (Python, SQL)
- Problem Solving

PROFESSIONAL EXPERIENCE

Software Developer Apr 2025 – Present
Freelance, Kenya

Key Achievements:

- Integrated three payment options (mobile money, PayPal and cards) into a live online store for a clothing brand
- Secured the store against unauthorised access to customer data and fake payment confirmations
- Designed a point-of-sale system for small businesses where each sale updates stock and the accounts in one step
- Wrote automated tests for the core accounting logic, protecting the accuracy of financial records

Responsibilities:

- Develop and maintain web application features across the front end, back end and database
- Build secure customer sign-up and login, and protect each business's data from other users
- Organise code into clear, testable layers, manage changes with Git and GitHub, and run services in Docker

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Business Operations Assistant May 2023 – Present
Family Plumbing & Bio-Digester Business, Kenya

Key Achievements:

- Managed customer relations and service delivery support for about 12 large clients

Responsibilities:

- Manage stock of plumbing and bio-digester materials and keep day-to-day financial records
- Provide administrative and logistical support for service delivery to customers

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Data Analyst Intern Jun 2025 – Aug 2025
Dynasoft Kenya

Key Achievements:

- Delivered data insights using Python and SQL that supported leadership decisions
- Kept business reports accurate by cleaning and validating large volumes of data

Responsibilities:

- Organised business datasets for reporting and prepared reports summarising key findings for management

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Network Management Attachee May 2024 – Jul 2024
Fiberlink Limited, Kenya

Key Achievements:

- Assisted in configuring, deploying and managing network infrastructure to maintain connectivity and uptime
- Troubleshot and resolved connectivity issues, providing technical support to users

Responsibilities:

- Monitored network performance and supported senior engineers with security protocols and hardware upgrades

EDUCATION

Bachelor of Science in Computer Technology
Multimedia University of Kenya
2026

CERTIFICATIONS

- **Certificate in Web Development and Web Design**
  Rware College – 2023
- **Data and AI Literacy Foundations**
  ALX Africa – 2026
- **Certificate in Customer Service**
  Griffin Global Bootcamp – 2026

TECHNICAL SKILLS

- TypeScript, JavaScript, Python, C#
- SQL, Java (basic), HTML, CSS
- React, Next.js, Tailwind CSS
- Node.js, Express, FastAPI, ASP.NET Core
- PostgreSQL, MySQL, Supabase, Redis
- Git, GitHub, Docker, AWS, Figma
- Excel, Power BI

LANGUAGES

- English – Fluent
- Kiswahili – Fluent

REFERENCES

Available upon request.