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Top Skills

Docker
DevOps
COBOL

Certifications

Introduction to Career Skills in Data Analytics

Introduction to Cybersecurity

Learning Data Analytics: 1 Foundations

Learning Data Analytics Part 2: Extending and Applying Core Knowledge

Career Essentials in Data Analysis by Microsoft and LinkedIn

Victor Chege

Mainframe Systems Engineer | Enterprise Integration (COBOL, DB2) & API Modernization (Python, Docker)

Nairobi, Nairobi County, Kenya

Summary

Software Development graduate bridging the gap between modern and legacy technologies. Focused on backend systems integration, infrastructure maintenance, and enterprise application development. Skilled at maintaining mission-critical environments by combining DB2 database integration and CICS transaction processing with modern RESTful APIs and Docker containerization. Proven ability to support reliable, secure, and maintainable systems for high-volume environments, prioritizing system optimization and troubleshooting over feature-heavy coding.

Experience

IBM

Trainee – COBOL Mainframe Development (Self-Directed Learning)
September 2025 - Present (7 months)

Nairobi County, Kenya

Focusing on the infrastructure of banking, insurance, and government enterprise systems.

Writing and testing batch job scripts using Job Control Language (JCL) to automate mainframe workflows.

Executing SQL queries and managing data through embedded DB2 in COBOL programs.

Practicing mainframe troubleshooting, debugging, and performance tuning using IBM z/OS tools.

Arthur dynamics

Founder & Python Developer

September 2021 - Present (4 years 7 months)

Nairobi County, Kenya

Configured Docker environments and built RESTful APIs utilizing PostgreSQL databases.

Specialized in refactoring and documenting project codebases to improve scalability and system health.

Provided technical guidance on Git workflows and backend infrastructure best practices.

KRA(KENYA REVENUE AUTHORITY)

Software Development Attaché

May 2025 - July 2025 (3 months)

Times tower

Supported backend logic updates, debugging, and integration of new functional modules for the enterprise-scale KRA Pension System.

Managed Docker containerization tasks to set up and stabilize containerized development environments.

Refactored and heavily documented existing codebases to ensure compliance with organizational standards and improve long-term maintainability.

Education

KCA University

Bsc software development , Computer Software Engineering · (September 2021 - November 2025)