

LEVI KIPROTICH MATEBA

ICT Professional | ERP & Microsoft Dynamics 365 Business Central | AL Developer | Systems Engineer

Microsoft Dynamics 365 Business Central • AL Development • ERP Implementation • Systems Engineering • Databases • Cloud • AI • DevOps

📍 Kitale, Kenya 📞 +254 718 273 291 ✉ levimateba@gmail.com

01 PROFESSIONAL PROFILE

Enterprise technology professional at the **Judiciary of Kenya**, working where business processes meet technical delivery. As a member of the **ERP Implementation Technical Team for Jumuika ERP (Microsoft Dynamics 365 Business Central)**, customizes and extends the platform in **AL** (extensions, tables, pages, reports, codeunits and business logic) and configures the workflows, approval hierarchies, roles and permissions that bring Finance, Supply Chain and other Judiciary processes into the ERP. As **Senior ICT Assistant in the System Engineering Section**, administers Windows and Linux environments and SQL Server, MySQL and PostgreSQL databases, and manages access control and security controls across enterprise systems.

Builds and integrates enterprise applications with Python, PHP/Laravel, JavaScript and REST APIs, including single sign-on with Keycloak and OpenID Connect, and AI-assisted tools. Holds **five Oracle Cloud Infrastructure AI and Data Science certifications**, backed by training in business analysis and project management. Comfortable working with functional teams to analyse requirements, turning them into working solutions, and seeing them through testing, deployment and user training, with a focus on secure, reliable systems in public service.

CORE TECHNOLOGY >

Microsoft Dynamics 365 Business Central

AL Development

ERP Implementation

Systems Engineering

SQL Server

Python

Laravel

Cloud & AI

DevOps

02 CAREER HIGHLIGHTS

Senior ICT Assistant

Judiciary of Kenya, System Engineering Section

Business Central ERP Technical Team

Jumuika ERP, Microsoft Dynamics 365 Business Central

AL Development & ERP Customization

Extensions, tables, pages, reports, codeunits

Systems Engineering & Infrastructure

Windows and Linux servers, networking, virtualization

Database Administration

SQL Server, MySQL, PostgreSQL

Cloud & AI Certifications

5 Oracle OCI certifications, plus Google AI courses

Enterprise Systems & Applications

J-JAEMS, SEMAS, Keycloak SSO, Tender AI

Business Analysis & Project Management

Google Project Management coursework (2026)

03 PROFESSIONAL EXPERIENCE

The Judiciary of Kenya

Senior ICT Assistant – System Engineering Section

CURRENT

ICT Assistant – System Engineering Section

Member, ERP Implementation Technical Team

CURRENT

Member, ERP Implementation Technical Team

Microsoft Dynamics 365 Business Central (Jumuika ERP)

JUNE 2023 – PRESENT

Sept 2026 – Present

June 2023 – Aug 2026

Nov 2023 – Present

NOV 2023 – PRESENT

> AL DEVELOPMENT & CUSTOMIZATION

- ◆ Customize and extend Microsoft Dynamics 365 Business Central using **AL (Application Language)** to meet Judiciary business requirements.
- ◆ Develop and modify Business Central **extensions, pages, tables, reports, codeunits** and business logic.
- ◆ Support development, testing, deployment and troubleshooting of Business Central customizations.
- ◆ Develop ERP reports and support data extraction, analysis and reconciliation for business processes.

> ERP IMPLEMENTATION & BUSINESS CENTRAL

- ◆ Translate business and operational requirements into ERP configurations and customized functionality.
- ◆ Configure **workflows, approval hierarchies, user roles, permissions** and security controls.
- ◆ Work with functional teams to analyse requirements and implement solutions in **Finance, Supply Chain** and other ERP processes.
- ◆ Support ERP documentation, user training, system testing and deployment.

> SYSTEMS ENGINEERING & INFRASTRUCTURE

- ◆ Administer and support **Windows and Linux** server environments, including server configuration, troubleshooting and service availability for Judiciary systems.
- ◆ Manage SQL-based databases (**SQL Server, MySQL, PostgreSQL**): configuration, backup and recovery, access control, data modelling and performance tuning.
- ◆ Implement and support user permissions, security controls, data protection and audit support across enterprise systems.
- ◆ Diagnose and resolve ERP, database, application and network issues (TCP/IP, DNS, DHCP, VPN, firewalls, routers and switches).
- ◆ Support virtual machines and services on VMware/Hyper-V and cloud platforms, and automate routine administration with **PowerShell and Bash**.
- ◆ Support ICT projects, documentation, reporting and user training in a public-sector environment.

04 SELECTED TECHNOLOGY & ERP PROJECTS



PROJECT 01 · FLAGSHIP

Jumuika ERP: Microsoft Dynamics 365 Business Central

The Judiciary of Kenya

Judiciary-wide ERP implementation on Microsoft Dynamics 365 Business Central. Contributing AL customizations and Business Central development alongside ERP configuration, covering workflows and approvals, roles and permissions, Finance and Supply Chain processes, reporting, testing and deployment.

AL Customization

Business Central Development

ERP Implementation

Workflows & Approvals

Roles & Permissions

Finance

Supply Chain

Reporting

Testing & Deployment

PROJECT 02

J-JAEMS: Job Evaluation Management System

The Judiciary of Kenya

System development and implementation supporting the Judiciary's job evaluation process, covering questionnaire management, job analysis, response processing, and dashboards and reporting.

Questionnaire Management

Job Analysis

Response Processing

Dashboards

Reporting

PROJECT 03

Funguo: Keycloak / OIDC Integration

Identity & Access Management

Identity and access management integration using Keycloak and OpenID Connect to give enterprise applications single sign-on (SSO) through one central identity provider.

Keycloak

OpenID Connect

SSO

IAM

Enterprise Integration

PROJECT 04

SEMAS: Social Empowerment Management Automation System

Programme & Fund Management Platform

Automation system for social empowerment programmes, covering beneficiary management, programmes and funds, applications, fund allocation, repayment tracking and reporting.

Beneficiary Management

Programmes & Funds

Applications

Fund Allocation

Repayment Tracking

Reporting

PROJECT 05

Tender AI

AI-Powered Application

Intelligent tender assistance application built with a FastAPI backend and a Next.js frontend, with APIs and AI chatbot features that help users work with tender information.

AI

FastAPI

Next.js

APIs

AI Chatbot

PROJECT 06 · GOOGLE PLAY

BusinessHub POS

Flutter app · Google Play, v1.0.4 · Android, iOS, macOS, web

Point-of-sale and small-business management app. Cart-based sales with barcode scanning, cash or M-Pesa checkout, PDF receipts and Bluetooth thermal printing; inventory, purchases and suppliers, and expenses that feed a daily-profit dashboard; sales trend charts and KPIs with Excel/PDF export; a restaurant mode with table layout, kitchen order tickets and a kitchen display screen; and an AI assistant that answers questions about sales. Configurable for Retail, Restaurant, Liquor Store, Salon and Butchery businesses.

Flutter / Dart

Riverpod

go_router

Hive (offline-first)

Dio

feature-based data/domain/presentation layers

PIN and biometric login with secure storage

PROJECT 07 · GOOGLE PLAY

Nyumba360: Property Management

Flutter app · Google Play closed testing, v1.0.3 · Android, iOS, web

Property management app for landlords and property managers, covering properties and units with occupancy and vacancy status, tenants and leases (rent, deposit, dates), monthly charges, payments and arrears, maintenance requests, and portfolio reports with collection charts. Includes Nyumba360 AI, an assistant that answers questions on rent status, vacancies and maintenance and suggests action plans.

Flutter / Dart

Riverpod

go_router

Hive with queued sync

role-based permissions (manager and tenant views)

PROJECT 08 · GOOGLE PLAY

Personal Hub AI

Flutter app · Google Play, v1.0.3 · Android, iOS, macOS, web

Free, offline-first personal productivity app: tasks, calendar, reminders and projects; an on-device assistant for structured day plans, focus tips, wellness check-ins and prioritization; water, habit, spending and goal tracking; and notes, an encrypted document vault and a password manager that unlocks with fingerprint or password.

Flutter / Dart

Riverpod

GoRouter

Hive

secure storage

biometrics

local notifications



<> ERP & BUSINESS CENTRAL

Microsoft Dynamics 365 Business Central

AL Development

Business Central Extensions

Tables

Pages

Page Extensions

Table Extensions

Codeunits

Reports

Queries

Workflows & Approvals

Roles & Permissions

ERP Configuration

Business Process Customization

{ } PROGRAMMING & DEVELOPMENT

AL

Python

PHP

Laravel

JavaScript

SQL

R

HTML/CSS

REST APIs

FastAPI

Next.js

Flutter

Dart

Riverpod

Hive

Pandas

NumPy

TensorFlow

[DB] DATABASES

Microsoft SQL Server

MySQL

PostgreSQL

SQLite

Database Administration

Data Modelling

Backup & Recovery

Performance Tuning

>_ DEVOPS & AUTOMATION

Git

GitLab

GitLab CI/CD

Docker

Kubernetes

PowerShell

Bash

◇ CLOUD & AI

Oracle Cloud Infrastructure

Microsoft Azure

AWS

Generative AI

Machine Learning

Data Science

AI Vector Search

Power BI

~ SYSTEMS & NETWORKING

Windows

Windows Server

Linux

macOS

VMware

Hyper-V

TCP/IP

DNS

DHCP

VPN

Firewalls

Routers & Switches

SECURITY

Access Control

Authentication

Authorization

Keycloak / OIDC / SSO

Cybersecurity

Security Controls

Data Protection

ITSM (ISO 20000)

≡ BUSINESS & PRODUCTIVITY

Business Analysis

Process Management

Agile Project Management

Technical Documentation

User Training

Microsoft Office / Excel

LibreOffice

WPS Office



FEATURED

Oracle University

Oracle Cloud Infrastructure (OCI): AI, Generative AI & Data Science

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professional certifications · 2024–2025

OCI 2025 Certified Generative AI Professional

Oracle Cloud Infrastructure

OCI 2025 Certified Data Science Professional

Oracle Cloud Infrastructure

OCI 2024 Generative AI Certified Professional

Oracle Cloud Infrastructure · May 2024

OCI AI Vector Search Certified Professional

Oracle Database

OCI 2025 Certified AI Foundations Associate

Oracle Cloud Infrastructure

Google · Project Management (Coursera)

APR 2026

- ◆ Project Initiation: Starting a Successful Project
- ◆ Project Planning: Putting It All Together
- ◆ Project Execution: Running the Project
- ◆ Agile Project Management
- ◆ Capstone: Applying Project Management in the Real World

Google · AI (Coursera)

APR 2026

- ◆ AI Fundamentals
- ◆ AI for Brainstorming and Planning
- ◆ AI for Data Analysis

Coursera Project

APR 2026

- ◆ Business Analysis & Process Management

Microsoft

NOV 2018

- ◆ Certified IT Professional

ICT Authority (Kenya)

APR 2024

With Computer Learning Centre

- ◆ Cybersecurity and Emerging Technologies Awareness Training

Alison

OCT – DEC 2023

- ◆ ISO 20000: Principles of IT Service Management System (ITSM)
- ◆ Introduction to Data Analytics Using Microsoft Power BI
- ◆ Azure Networking and Monitoring Infrastructure

freeCodeCamp

OCT 2023 – FEB 2024

- ◆ Information Security
- ◆ Relational Database
- ◆ Back End Development and APIs
- ◆ Machine Learning with Python
- ◆ Data Analysis with Python
- ◆ Scientific Computing with Python
- ◆ Data Visualization
- ◆ Quality Assurance
- ◆ JavaScript Algorithms and Data Structures
- ◆ Front End Development Libraries
- ◆ Responsive Web Design
- ◆ College Algebra with Python

DataCamp

FEB 2018 – DEC 2019

- ◆ Introduction to Python for Data Science
- ◆ Introduction to SQL for Data Science

Andela Learning Community

MAY 2018

With Google & Udacity

- ◆ Android Development Beginner Bundle (User Interface, Multiscreen, User Input)

Google Digital Skills for Africa

SEPT 2018

- ◆ The Fundamentals of Digital Marketing (IAB Europe-endorsed certification exam)

eMobilis Mobile Technology Institute

Sponsored by Google

- ◆ Basic Digital Skills Training

Ministry of Education · State Department for Post Training and Skills Development

25 – 29 APR 2022

- ◆ Commercialization of Talents

07 EARLIER EXPERIENCE**Clerical Officer II**

Sept 2022 – May 2023

Ministry of Interior and National Administration, State Department for Interior and Citizen Services

Records, data entry and official correspondence, plus everyday ICT support for colleagues.

County Team Leader (Secretariat Committee Member)

July 2020 – Nov 2021

National Hygiene Programme (Phase II), Ministry of Interior and National Administration, Trans Nzoia County

Supervised a team of supervisors and workers, delegating duties and monitoring task completion. Recommended in writing by the County Commissioner's office, Trans Nzoia (July 2021).

Trainer and CEO Dec 2020 – June 2021
Marvel Technology
Delivered computer and digital-skills training and managed day-to-day operations.

ICT Supervisor, KPHC 2019 July 2019 – Sept 2019
Kenya National Bureau of Statistics: Kenya Population and Housing Census
Supervised enumerators' use of digital data-capture devices and resolved device and data-transmission issues.

ICT Industrial Attachment Sept 2018 – Nov 2018
County Assembly of Trans Nzoia
Industrial attachment for the Diploma in Computer Science, assessed and awarded **Credit** by Kitale National Polytechnic.

Research Assistant July 2020 – Nov 2020
Kenya National Bureau of Statistics (KNBS)
Collected and validated survey data in line with KNBS data-quality standards.

Election Technology Roles 2017 – 2022
Independent Electoral and Boundaries Commission (IEBC)
Presiding Officer, 2022 General Election (Aug 2022) · Electronic Voter Verification Clerk (Jan 2022) · Electronic Voter Registration Clerk (Nov 2021) · Election Clerk, 2017 General Election (Aug 2017).

08 EDUCATION

Bachelor of Science in Information Technology (BIT) JAN 2023 – AUG 2026
Mount Kenya University

Diploma in Computer Science CREDIT JAN 2017 – NOV 2019
Kitale National Polytechnic
Best Diploma male student in SET and overall best male student, ICT Department. Industrial attachment at the County Assembly of Trans Nzoia, awarded Credit.

Kenya Certificate of Secondary Education (KCSE) C+ JAN 2012 – NOV 2015
St. Patrick's Secondary School, Koykoy

09 INNOVATION & AWARDS

BEST **Overall Best Male Student, ICT Department**
Kitale National Polytechnic · Certificate of Appreciation for dedication and hard work

BEST **Best Diploma Male Student in SET, ICT Department**
Kitale National Polytechnic · Recognised for attaining a Credit

3RD **3rd Place, ICT Category: 9th Rift Valley Regional TVET Fair**
Exhibition, Research Paper Presentation & Robotics Contest · Ministry of Education & KATTI · Kapenguria, West Pokot · Feb – Mar 2019

NAT'L **Participant: 3rd National TVET Exhibitions & Robotics Contest**
Ministry of Education & KATTI · Tononoka Grounds, Mombasa · March 2019

10 LEADERSHIP

Student Leader, ICT and Innovation 2018 – 2019
Kitale National Polytechnic

Chairperson & Team Coordinator 2018 – 2019
Marvel Tech Youth Group, Kitale National Polytechnic

County Team Leader 2020 – 2021
National Hygiene Programme (Phase II), Ministry of Interior

Head of Student Welfare (Prefect) 2015
St. Patrick's Secondary School, Koykoy
Developed and monitored the student welfare budget.

WIN

Winner: Environmental Sustainability

Micro-Project Competition

Kenyan Education for Employment Program
(KEFEP), Algonquin College & Kitale National
Polytechnic · June 2019

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Copyright Registration: "Institution Security App"

Kenya Copyright Board · Registration No. LT-
014835 · April 2019

SHOW

Participant: Kitale National Show 2019

Agricultural Society of Kenya

11 PERSONAL DETAILS

LANGUAGES	DATE OF BIRTH	NATIONALITY	HOME COUNTY	POSTAL ADDRESS
English, Kiswahili (fluent)	4 March 1997	Kenyan	Trans-Nzoia	P.O. Box 295-30200, Kitale

12 REFEREES

Mr. Steven Ikileng', HSC

Deputy Director, ICT
The Judiciary of Kenya

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sikileng@gmail.com

Mr. Peter Soita

Head of ICT
The Kitale National Polytechnic

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Mrs. Ali Tima Omar

Assistant County Commissioner
Ministry of Interior and National
Administration

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— END OF CV —