Mike Kagera

Full-stack Engineer | Web 3 & AI Enthusiast

Results-driven FullStack Engineer with 4+ years of comprehensive experience in software development, system administration, and digital transformation initiatives. Demonstrated expertise in full-stack web development, database management, network infrastructure, and IT support across government, judicial, and electoral sectors.

CONTACT

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✉️ wrootmike@gmail.com

📍 Gatundu, Gatundu District, Kenya

🌐 linkedin.com/in/mr-mike- 654bb2344

🌐 github.com/garymike07

🌐 portfolio-weld-tau-yihaui6h0o-chi.vercel.app

SKILLS

JavaScript (ES6+)

Python

Java

HTML5 & CSS3

SQL

PHP

C++

WORK EXPERIENCE

ICT INTERN
Council of Legal Education, Nairobi
January 2024 - February 2025

- Provide comprehensive IT support and system administration
- Maintain and optimize computer systems, networks, and software
- Collaborate with senior IT staff to implement technology upgrades and security protocols
- Support digital transformation initiatives aimed at modernizing legal education delivery
- Troubleshoot hardware and software issues, ensuring minimal downtime
- Document technical processes and create user guides
- Participate in system backup procedures and disaster recovery planning
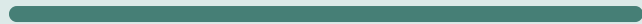
ICT OFFICER - ELECTORAL OPERATIONS
Independent Electoral and Boundaries Commission (IEBC), Gatundu South
August 2022 -

- Served as lead ICT Officer during Kenya's General Elections

Skills
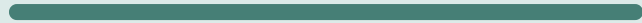
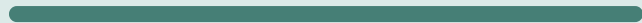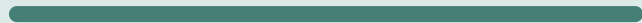**React.js**
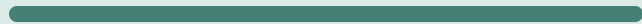
Bootstrap

Tailwind CSS

jQuery

SASS/SCSS

Node.js

Express.js
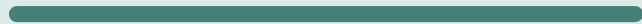
Django
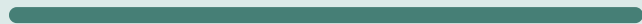
Flask

MySQL
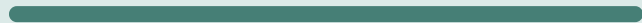
PostgreSQL

MongoDB
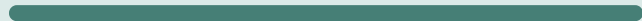
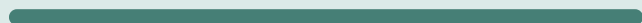**Firebase Firestore**

Git

GitHub

GitLab
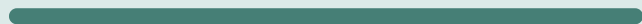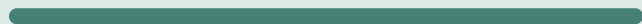
Vercel

Netlify

Heroku

cPanel

AWS

- Managed and maintained Kenya Integrated Election Management System (KIEMS) kits
- Designed and implemented network infrastructure for the constituency tallying center
- Conducted pre-election testing and calibration of electronic voting equipment
- Ensured data security and integrity throughout the electoral process
- Managed emergency technical responses and system redundancy protocols

JUNIOR SOFTWARE DEVELOPER
Freelance Development
July 2021 - February 2022

- Developed custom web applications and websites for diverse client portfolio
- Implemented responsive design principles ensuring cross-platform compatibility
- Integrated third-party APIs and payment gateways for e-commerce solutions
- Collaborated directly with clients to gather requirements and deliver tailored solutions
- Maintained version control using Git and deployed applications to various hosting platforms
- Provided post-launch support, maintenance, and feature enhancements

ICT ATTACHÉ
Gatundu Law Courts
January 2023 - April 2023

- Provided technical support to judicial staff
- Maintained and updated the court's official website
- Managed computer systems, printers, and network infrastructure
- Implemented cybersecurity best practices and user access controls
- Assisted in digitizing court records and implementing electronic filing systems

EDUCATION

Software Development, Database Systems, Network Administration - BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
South Eastern Kenya University (SEKU)
2016 - 2020

KENYA CERTIFICATE OF SECONDARY EDUCATION
Muhoho High School
2011 - 2014

CERTIFICATE

ELECTORAL TECHNOLOGY CERTIFICATION
Independent Electoral and Boundaries Commission (IEBC)
2022

- Certified in Kenya Integrated Election Management System (KIEMS) operations and maintenance
- Trained in electoral network infrastructure design and security protocols
- Completed emergency response procedures and system recovery protocols

FULL-STACK WEB DEVELOPMENT BOOTCAMP
Online Certification Program
2021

- Completed intensive full-stack web development program covering modern technologies
- Specialized in React.js, Node.js, and modern JavaScript frameworks and libraries
- Built comprehensive portfolio of responsive web applications and RESTful APIs

- Trained court staff on new software applications and digital workflows

PEER TUTOR & ACADEMIC MENTOR
Academic Support Services, Nairobi
January 2018 - March 2018

- Provided academic coaching and mentorship to high school students in STEM subjects
- Developed personalized learning plans based on individual student needs
- Conducted group study sessions and one-on-one tutoring in mathematics and computer science
- Assisted students with exam preparation strategies and study techniques

PROJECTS

LIBRARY MANAGEMENT SYSTEM

- Developed comprehensive library management system using Java and MySQL for university library
- Implemented user authentication, book cataloging, and borrowing management functionality
- Created intuitive GUI interface with advanced search and reporting capabilities
- Integrated barcode scanning technology for efficient book tracking and inventory management

E-COMMERCE PLATFORM

- Built responsive e-commerce website using HTML, CSS, JavaScript, and PHP
- Integrated multiple payment gateways including M-Pesa and international card processing
- Implemented real-time inventory management system with automated stock updates

- Developed comprehensive admin dashboard for order management and sales analytics

STUDENT INFORMATION SYSTEM

- Designed and implemented comprehensive system with role-based access control
- Created modules for student registration, grade management, and academic reporting
- Developed parent portal for accessing student academic progress and communication
- Implemented robust data backup and recovery mechanisms for system reliability