

AMWOGA KELVIN SHISANYA

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CAREER SUMMARY

Versatile IT professional and full-stack developer with strong expertise in **web and back-end development, system administration, and machine learning**. Skilled in building scalable applications, integrating APIs, and delivering end-to-end solutions across multiple platforms. Adept at troubleshooting, optimizing workflows, and applying technology to solve complex problems. Highly adaptable, collaborative, and results-oriented, committed to driving organizational success and innovation while upholding core values.

PROFESSIONAL SKILLS

- **Web Development:** HTML, CSS, JavaScript, Node.js, PHP, WordPress
- **Back-End & Databases:** SQL, server-side development, database administration, API integration (M-Pesa)
- **Programming Languages:** Python (ML/AI), C, C++, C#, Java, Kotlin
- **Machine Learning & AI:** Data analysis, image annotation, LiDAR interpretation
- **IT & Systems:** Cross-platform deployment (Windows, Linux, macOS, Android, Chrome OS), troubleshooting, system administration
- **Soft Skills:** Problem-solving, teamwork, customer satisfaction, project collaboration

EDUCATIONBACKGROUND

1. Zetech University

Town Campus, Nairobi Kenya

From September 2023 to date

Pursuing a Diploma in Software Engineering

Undergraduate

2. The Catholic University of Eastern Africa

Main Campus, Nairobi Kenya

From May 2018 TO October 2023

Pursued a Bachelor's Degree in **Computer Science**

Undergraduate

3. Info link Technology

Center Langata, Nairobi Kenya

From 2018 January to April 2018

Certificate in Computer Packages

4. St. Pauls' Boys High School

Cherangany, Kitale Kenya

From 2014 to 2017

Kenya Certificate of Secondary Education

WORK HISTORY

DIGITAL DIVIDE DATA KENYA

IT Manager

October 2022 to date

Responsibilities

- Provide first- and second-line technical support to users
- Troubleshoot hardware, software, and network issues
- Install, configure, and maintain computers, printers, and peripherals
- Manage user accounts, access rights, and passwords
- Maintain LAN/WAN, Wi-Fi, and internet connectivity
- Monitor system performance and ensure uptime
- Configure routers, switches, firewalls, and VPNs
- Support cloud platforms (Microsoft 365, Google Workspace, Azure, AWS)

SHANGACHI SHORE SERVICES

IT MANAGER

2020 to September 2022

Responsibilities

- Manage backups and disaster recovery procedures
- Ensure data integrity, storage, and availability
- Support cloud-based collaboration tools and services
- Troubleshoot hardware, software, and network issues
- Install, configure, and maintain computers, printers, and peripherals
- Manage user accounts, access rights, and passwords

INDEPENDENT ELECTORAL & BOUNDARIES COMMISSION

IT OFFICER

August 2022

Responsibilities

- Received the registered voter
- Obtained their fingerprint or facial id
- Ensured the details are correct as they appear in the system
- If the details are correct, direct the voter to other clerks for casting their vote.

INTERNATIONAL OPPORTUNITIES AUSTRALIA

INTERN

April to August 2022

Responsibilities

- Helped the IT manager to set up workstations
- Supervised some examinations for the students applying for overseas studies
- Installed and maintained CCTV cameras in the institution
- Configured printers in the network

FREELANCER

2019 TO 2021

Responsibilities

- Design, develop, deploy, and maintain technical solutions based on client requirements
- Troubleshoot, debug, and resolve technical issues within agreed timelines
- Ensure delivered systems are scalable, secure, and efficient
- Understand client needs and translate them into technical specifications
- Plan tasks, milestones, and timelines independently
- Deliver projects on time and within scope
- Set up and manage websites, web apps, databases, or cloud services
- Configure hosting environments, domains, and deployment pipelines
- Integrate third-party tools, APIs, and platforms

KENYA NATIONAL BUREAU OF STATISTICS

CENSUS ENUMERATOR

AUGUST 2019

Responsibilities

- Used the CAPI to collect data
- Visited citizens even in late hours to collect their details for the census
- Marked enumerated structures well
- Sent the data to the supervisor's device over the internet

EXPERIENCE AND SKILLS

Proficient full-stack developer with expertise in **HTML, CSS, JavaScript**, and **Node.js** for front-end and server-side development. Skilled in **PHP** and **SQL** for back-end systems, database administration, and optimization. Experienced in **WordPress** customization and management, as well as integrating **M-Pesa API** for secure mobile payments.

Proficient in **Python** for machine learning applications, with foundational knowledge in **Java** and **Kotlin** for mobile development, and experience with **C, C++, and C#** in software and systems programming.

Strong IT background with hands-on experience in **system administration, troubleshooting, network setup, and cross-platform deployment** across **Windows, Linux, macOS, Android, and Chrome OS**. Experienced in **AI, machine learning, image annotation, and LiDAR data interpretation** through training with **Digital Divide Data (DDD)**.

Adaptable, solutions-oriented, and capable of delivering complex technical projects across multiple domains.

OTHER RELEVANT INFORMATION

1. AFRICAN LEADERSHIP X (ALX),

Nairobi Kenya

From 20th Feb 2022 TO October 2024

Attended a Software Engineering Program

2. AFRICAN LEADERSHIP X

(ALX), Nairobi Kenya

From 20th May 2024 4th July 2024

AiCE Training

3. DIGITAL DIVIDE DATA,

Nairobi Kenya

From November 2022 TO December

Machine Learning, AI and Image Annotation Training with CRUISE AV

4. DIGITAL DIVIDE DATA,

Nairobi Kenya

From October 2022 To November 2022

Attended B.E.S.T Employability Training

5. INDEPENDENT ELECTORAL AND BOUNDARIES

COMMISSION, Nairobi Kenya

From JULY 2022 TO AUGUST 2022

Voter verification training for the General Election

Election Officer

**6. KENYA INSTITUTE FOR PUBLIC POLICY RESEARCH AND ANALYSIS
(KIPPRA)**

ANNUAL GENERAL CONFERENCE,

Nairobi Kenya

From 15TH JUNE 2022 TO 17TH JUNE 2022

“Foundation for Sustainable Economic Transformation in Kenya”

HOBBIES AND INTERESTS

- Bug bounty
- Bike riding
- Hiking
- Photography
- Computer games
- Making music mixes
- Listening to music

- Socializing

REFEREES

Please feel free to contact the under mentioned regarding my competence, work ethic, performance and/ or any other aspect with respect to me.

1. EDWARD KIOKO

HOD, COMPUTER SCIENCE

The Catholic University of Eastern Africa

Nairobi, Kenya

kioko@cuea.edu

07 25 695 782

2. DAVID MUKUNDA

CEO

Shangachi Shore Services

Nairobi, Kenya

shangachishoreservices@gmail.com

07 11 795 490

3. GRACE MBAYE

PEOPLE OPERATION

Digital Divide Data (DDD)

Nairobi, Kenya

grace.mbaye@digitaldivide.com

07 04 476 729