

Cheldean Musingila

FullStack Software Engineer

Full-stack software engineer with expertise in **Python, PHP, JavaScript, React.js, Next.js, and database management (PostgreSQL, MongoDB)**. Passionate about **machine learning, cloud computing, and cybersecurity**. Adept at building **scalable applications, leading development teams, and mentoring junior developers**. Experienced in **ERP development, data engineering, CyberSecurity and DevOps**.

✉ cheldeanmutheu1@gmail.com

📍 Nairobi, Kenya

🐙 github.com/MutheuMc

📞 +254758902540

🌐 linkedin.com/in/cheldean-musingila-7a6040217

WORK EXPERIENCE

Full-Stack Software Engineer

Dedan Kimanthi University- Siemens Center

03/2024 - Present

Nyeri, Kenya

Achievements/Tasks

- **Led** the development of an ERP system, website, and e-commerce platform, successfully deploying on Windows web servers.
- **Mentored** a team of 5+ developers and attachees on project execution and technical skills.
- **Developed** an augmented reality solution for geological analysis, integrating machine learning models to predict land oil production capabilities.

Data Engineering Intern

The Refinery-Startup Engineers

03/2024 - 09/2024

Dubai, United Arab Emirates

Achievements/Tasks

- **Researched** industry data sources and analyzed patterns/anomalies.
- **Automated** data extraction processes with Python web scraping tools, improving data collection efficiency by **40%**.
- **Developed** interactive dashboards with Power BI and Streamlit for data visualization.

Software Developer Intern

Vint Ex Technologies

09/2022 - 11/2022

Achievements/Tasks

- **Co-developed** an MVC-based store management application.
- **Designed** and deployed the company's website.
- **Maintained** and improved the store app by fixing bugs and adding new features.

EDUCATION

Software Engineering

ALX-Holberton School

08/2022 - 01/2024

Courses

- Full-Stack Development
- DevOps Basics

Bachelor of science in Software Engineering

Multimedia university of kenya

09/2017 - 12/2022

Second class honors Upper Division

SKILLS

Programming: Python, JavaScript, PHP, Node.js, Shell Scripting, TypeScript, GraphQL

Databases: MySQL, PostgreSQL, MongoDB

Frameworks & Tools: Flask, React.js, Next.js, Laravel, Linux

Software Development: Debugging, Software Testing, DevOps Basics

Soft Skills: Team Leadership, Problem-Solving, Communication

PERSONAL PROJECT

ERP System Development (03/2024 - Present)

- Built a **custom ERP system** to manage institutional operations.
- Integrated **role-based authentication** and **multi-level access control**.
- Stack: **Next.js, Node.js, PostgreSQL, Sequelize, Docker**.

CERTIFICATES

Huawei Certified ICT Associate (02/2019 - 05/2019)

Certificate of Achievement from Huawei ICT Academy MMU Kenya

Jobberman Soft-Skill Training (09/2021 - 09/2021)

Certificate of Achievement from Jobberman Nigeria

VOLUNTEER EXPERIENCE

Huawei ICT Academy Multimedia University of Kenya
(02/2021 - 04/2022)

Huawei Campus Ambassador

Multimedia University of Kenya ICT Club
(09/2017 - 11/2022)

member

INTERESTS

AI & Cybersecurity

Photography

Travel & Cultural Exploration

Data Science

Volunteering