AYIM WILLIAM

SOFTWARE DEVELOPER

CONTACT

- +254708009596
- odhisayim@gmail.com
- https://github.com/BabaMboga
- click to see portfolio

EDUCATION

MORINGA SCHOOL
FEB - NOV 2023

- Certificate in Software Development

JOMO KENYATTA UNIVERSITY OF AGRICULTURE & TECHNOLOGY

2015-PRESENT(Planned Resumption:September 2025)

CERTIFICATES

- Certificate in Software Development : Moringa
- Certificate in 3D Animation & Film : Shang Tao Media Art College
- Oracle Java Programming SE Fundamentals : Computer Pride

SKILLS

- Teamwork & Agile methodology
- UX/UI Design & Web3 development
- Time Management
- Front-End & Back-End Development
- Effective Communication
- Critical Thinking & Creativity
- Javascript (React, NextJs, Redux) , HTML/CSS, Python, SQL, Flask, Django, GitHub, CI/CD, Typescript, PostgreSQL, MongoDB, Kafka, Express.js

INTERESTS

- Writing & Reading
- Chess, Poker & Gaming
- Sports & Fitness
- Philosophy
- Game Development

PROFILE

A versatile Full Stack Developer skilled at transforming ideas into seamless digital solutions with a focus on user experience. Specializes in backend technologies like Python, Django, and MongoDB. Experienced in both independent work and collaborating with teams to deliver creative, functional web applications and meet key project milestones.

WORK EXPERIENCE

- **iTalanta Managed Internship** - **Intern** - (**27th Sept - 20th Dec 2023**)
  - Designed and implemented sleek, user-friendly web pages that adhered to provided UI/UX designs, enhancing user satisfaction and ensuring seamless navigation.
  - Delivered high-quality code through professional commits, maintaining clean and efficient coding practices that facilitated easier debugging and improved team collaboration.

- **Internet Computer Hackathon** (**16th Oct - 25th Nov 2023**)
  - Developed decentralized applications using ICP blockchain technology to tackle challenges in digital service accessibility, data security, scalability, and interoperability, contributing to innovative solutions in blockchain ecosystems.

- **Moringa School** - **Software Development Technical Mentor** (**5th Jun 2024 - 30th Jun 2025**)
  - Updated and refined the curriculum to align with current industry standards and emerging technologies, enhancing the relevance and quality of learning materials for aspiring developers.
  - Mentored and supported young developers by fostering collaboration and peer learning through structured initiatives, resulting in improved technical skills and stronger teamwork among participants.
  - Reviewed students' code submissions in Python and JavaScript, focusing on best practices, performance optimization, and robust unit testing with Mocha and pytest, ensuring high-quality deliverables and readiness for real-world development challenges.

- **Cenex Consult** - **Lead Software Developer** (**3rd March 2025 - Present**)
  - Led the full development lifecycle of the AQDMS platform, delivering an operating system adopted by 100% of Nairobi County.
  - Designed & implemented system architecture that integrates sensor data ingestion, validation pipelines, analytics workflows & a publicly accessible data portal and county dashboard.
  - Developed backend services, APIs & database models supporting pollutant monitoring, sensor metadata management, historical data retrieval & automated reporting for county users.
  - Collaborated with Nairobi County and stakeholders to align technical requirements with pollcty, ICT infrastructure & environmental management goals.
  - Produced technical documentation, system flow diagrams & deployment guidelines to support long-term maintenance

REFERENCE

Faith Kilonzi
Senior Software Engineer
Phone: +254722395680
Email : faithmueni6@gmail.com

Christine Karimi
Team Lead -Moringa
Phone: +254716491250
Email : crisitnekarimi@gmail.com

Caroline Mugwe
CEO TYC Africa
Phone: +254722886097
Email : carolinemugwe@gmail.com