

# M'MAH ZOMBO

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Freetown, Sierra Leone

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## PROFILE

Results and impact driven **software engineer** with **2+ years** of experience **designing, developing, and optimizing scalable systems** and applications. Proficient in Python, JavaScript and PHP, with a proven track record of delivering high-impact solutions in fast-paced environments.

## EXPERIENCE

### Software Engineer, Korlie Limited, Sierra Leone — 2023-Present

Key Software Engineer responsible for the end-to-end design and development of critical systems including WanGov (government services platform), Govpay (secure government transactions register), TenkiPay (digital payment solution), SportsZone Booking System, SportsZone Website etc.

- ✳️ Led the design and development of an in-house employee management system.
- ✳️ Led the development of dashboard for monitoring activities across all government MDAs on WanGov.
- ✳️ Designed and developed a 2FA (Two Factor Authentication) system for GovPay, Tenkipay and WanGov.
- ✳️ Led the design and development of a user friendly notification system for Tenkipay.
- ✳️ Designed and developed Tenkipay Version 2.
- ✳️ Led the design and development of the table reservation system for the SportsZone Booking System.
- ✳️ Led the design and development of SportsZone website.

## SKILLS

- ✳️ **Abilities:** UI/UX Design, website and web application development
- ✳️ **Programming Languages:** JavaScript, TypeScript, PHP, Python, GO, SQL, C/C++
- ✳️ **Frameworks & Libraries:** React, NextJS, Laravel, NodeJS, Express, Fiber, GORM, FastAPI, SQLAlchemy
- ✳️ **Tools:** Git, Git Bash, Github, VS Code, PyCharm, SQL WorkBench, MongoDB Atlas, Postman, Ubuntu, PGAdmin
- ✳️ **Cloud Platforms:** Digital Ocean, AWS

✳️**Databases:** MySQL, MongoDB, Postgres, SQLite, Redis

✳️**Concepts:** Data Structures, Algorithms, Distributed Systems, RESTful APIs

✳️**Methodologies:** Agile, Scrum

## EDUCATION

### Limkokwing University - Software Engineering Degree, 2025

✳️Built a binary converter that converts binary to decimal, hexadecimal and octal numbers with the following features:

- ✳️ User authentication and authorization
- ✳️ Calculator for binary conversion
- ✳️ Conversion History
- ✳️ Notification System

✳️Built a course management system with the following features:

- ✳️ Role based access
- ✳️ User authentication and authorization
- ✳️ Course upload, edit, deletion and enrollment

### ALX Africa, Online - Software Engineering Nano Degree, 2022 - 2023

Studied software engineering, with specialisation in backend web development

Built multiple backend and fronted projects, including Climate Call a full-stack web Laravel application for monitoring weather across multiple locations, with a plant guide and community chat.

## AWARDS

✳️**Female Innovator of The Year:** Ministry of Communication, Technology and Innovation 2025. Recognition for contributing to the development of innovative softwares, such as WanGov and Govpay, which have significantly aided in fulfilling Sierra Leone's digital governance agenda.

✳️**Best Solo Project Winner:** Christex Foundation, 2024. Award for independently building the best software solution in terms of design, functionality and use case during the Christex Hackathon.

## REFERENCES

Github profile <https://github.com/Mmah-Zombo>

Portfolio website <https://mmah-zombo.github.io/>

Korlie Limited at [korlie.com](http://korlie.com)

WanGov at [wan.gov.sl](http://wan.gov.sl)

SportsZone website at [sportszonesl.com](http://sportszonesl.com)

Tenkipay (Fintech app) at [tenkipay.com](http://tenkipay.com)