

Hazel Larkai

BACKEND DEVELOPER

Phone:

+233543379388

Github:

<https://github.com/hazel-Larkai>

Gmail:

naalarteley26@gmail.com

PROFESSIONAL SUMMARY

A passionate backend developer with strong foundations in Python, FastAPI, and MongoDB. Skilled in building scalable REST APIs, authentication systems, and database management. Currently enrolled in the MEST Africa Web Development Program (Backend Specialization). Highly motivated, detail-oriented, and eager to contribute technical expertise to real-world projects.

EDUCATION

Bachelor of Science in Biological Sciences | October 2019-August 2023

[University of Ghana, Legon.](#)

Web Developer | August 2025-Present

[MEST Africa.](#)

PROJECTS

Portfolio Website | HTML, CSS, JavaScript

- Designed and deployed personal portfolio to showcase projects.
- Built responsive layouts with animations and interactive navigation.

Event Manager API | FastAPI, MongoDB, Cloudinary, Bcrypt

- Built APIs for event listings with pagination and media upload support.
- Integrated Cloudinary for file storage and retrieval.
- Secured user registration with bcrypt password hashing.
- Designed MongoDB regex filters for flexible search queries.

E-Commerce API | FastAPI, MongoDB

- Implemented REST APIs for user registration, login, and authentication.
- Designed CRUD endpoints for product catalog management.
- Applied Pydantic models for data validation and type safety.

Advertisement API | FastAPI, MongoDB, Cloudinary

- Developed CRUD API for vendor advertisements with category filtering.
- Integrated Cloudinary for image management.
- Enforced database integrity with ObjectId validation.
- Applied robust error handling with HTTPException

Movie Finder API | FastAPI, MongoDB, OMDb API

- Integrated external OMDb API to fetch movie details by title or IMDb ID.
- Designed endpoints to fetch, save, and list movies with proper error handling.
- Implemented a favorites system with user ratings stored in MongoDB.
- Built an endpoint to return top-rated favorites using MongoDB sorting

SKILLS

- Languages & Frameworks: Python, FastAPI, JavaScript (HTML, CSS, basic JS)
 - Databases: MongoDB
 - Developer Tools: Git, GitHub, Pydantic, Bcrypt, Cloudinary, Tkinter
 - Concepts: REST API design, Authentication, CRUD operations, Data validation, Error handling
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