

# Ebenezer Ayo-Metibemu

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## PROFESSIONAL SUMMARY

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Computer Science graduate (2:1, Keele University, July 2025). Quick to pick up new technologies and adapt to diverse environments and project development workflows. I heavily believe in the AGILE techniques of development.

## SKILL STACK

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- Languages: Python, C++, Java, PHP, JavaScript (REACT, Node.js, JQuery), MySQL, PostgreSQL.
- Dev Frameworks and Tools: Flask, FastAPI, Django, REACT Native, Flutter, wxWidgets, Dear ImGUI.
- Dev Practices: AGILE and SCRUM (UML Diagrams, etc.), GitHub CI/CD pipeline, mdBook documentation.
- Linguistics: English (Advanced-Upper Intermediate).
- Soft Skills: Communication and Presentation, Table Etiquette, Teaching.
- Hobbies: Basketball, Reading Novels, Watching YouTube, Piano Practice, and Graphics Programming.

## PROFESSIONAL EXPERIENCE

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### TECH SINGULARITY

REMOTE | APRIL 2025 – NOW

#### FREELANCE FULL STACK SOFTWARE ENGINEER

- **Enhanced affiliate marketing website, maxing 7.3k unique visitors in the past 3 months** through AI suggestion tool. Improved backend including AI sales assistant that receives customers' requirements and suggests a list of products that cater to their needs, leading to **275%** increase in customers who use the affiliate links to purchase items, out of the average number of visitors over the past months.
- **Reduced client's business work force input in creating articles and reduced possibility of human error by ~87% when compared to three months of uptime**, making only light reviews and editing sufficient through implementing the AI-based article creation workflow that legally scrapes information on products from various sources and uses the data to create articles of said products to automatically updates SEO files.

## PROJECTS

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### [EZEATS](#)

UNIVERSITY PROJECT | SEPTEMBER 2025 - JANUARY 2026

#### E-Shopping Website (PHP, MySQL, JavaScript + React).

- **Improved content-loading speed by ~33.8%** after implementing server-side serialization of source code contents and utilizing deserialization into a hash-table for retrieval of appropriate page content only when needed (lazy loading of content).

### [GALLERY BELT](#)

FREELANCE PROJECT | JULY 2025 – AUGUST 2025

#### Portfolio Website (Python, Flask, JavaScript + React, KVM VPS Hosted).

- **Improved page responsiveness when switching between pages by ~550ms** by implementing smart client-side information caching.

### [OPENGL SERIES 2](#)

PERSONAL PROJECT | SEPTEMBER 2025

#### Deeper dive into the functionality of Modern OpenGL (C++, OpenGL, GLAD, GLFW)

- Implemented a Rendering Architecture that enables ease of batch rendering, animation, and global application of physics on entities.

### [DEJLARTS](#)

PERSONAL PROJECT | SEPTEMBER 2023 - NOW

#### Graphics Engine for Research and Experimentation (Python, ModernGL, PyGLM, Pygame)

- Improved and expanded features of API allow easy setup and experimentation with shaders on various geometry.
- Added APIs that allow for image taking and video recording.
- Future Improvements: GUI to allow for all users.

## EDUCATION

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### KEELE UNIVERSITY

NEWCASTLE-UNDER-LYME, STAFFORDSHIRE, ST5 5BG | 26 SEPTEMBER 2022 – 31 JULY 2025

#### *Bachelor of Science in Computer Science with Neuroscience; Major in Computer Science.*

- **Award:** Bachelor of Science Degree in Computer Science with Neuroscience (2:1).

### UNIVERSITY OF CENTRAL LANCASHIRE

PRESTON, PR1 7QR | 27 SEPTEMBER 2021 — 5 JUNE 2022

#### *Certificate of Higher Education (CertHE) Undergraduate Foundation Programme in Engineering*

- **Award:** Highest Achiever in Engineering Undergraduate Foundation Programme at ONCAMPUS UK NORTH | University of Central Lancashire (UCLAN), Preston.