

EMMANUEL MUSA YAKUBU

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SUMMARY

Motivated and hardworking software engineer with a passion for programming. Dedicated to delivering high-quality software solutions and continuously enhancing technical skills. Strong foundation in software engineering principles and staying updated with the latest technologies. I thrive in challenging environments and excel in teamwork. Analytical thinking, strategic mindset, and problem-solving proficiency. Seeking opportunities to contribute to innovative projects and make a positive impact in software development. Additionally, I have a keen interest in chess, which reflects my analytical and strategic mindset outside of programming.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda

September 2022 – January 2026

BSc. Software Engineering

Relevant Coursework: Software Design and Architecture, Object-Oriented Programming, Data Structures and Algorithms, Software Testing and Quality Assurance, Software Project Management, Web Development, Software Maintenance and Evolution

PROFESSIONAL WORK EXPERIENCE

Web Developer

April 2023 - Present

Nigeria-Rwanda Friendship Club – Kigali, Rwanda

- Demonstrated proficiency in both front-end and back-end development, contributing to the complete web development lifecycle.
- Developed and maintained web applications, utilizing technologies including HTML, CSS, JavaScript, Python, and Django.
- Designed and implemented robust databases, RESTful APIs, and server-side logic to deliver scalable and efficient web solutions.

Chess Instructor

September 2021 - January 2022

Graceland Royal Academy – Gombe, Nigeria

- Created comprehensive chess curricula and lesson plans for the students and taught them.
- Developed engaging and interactive learning materials, including instructional guides, puzzles, and exercises, to enhance students' comprehension and enjoyment of the game.
- Updated and refined curriculum based on student feedback and evolving teaching methodologies.

Machine Learning Hackathon

November 2022 - present

Zindi – Online

- Created a machine learning model to predict which individuals are most likely to have or use a bank account in Rwanda, Uganda, Tanzania, and Kenya
- Ranked among the top 7 percent of the enrolled participants.

EXTRACURRICULAR ACTIVITIES

Freelancer | Machine Learning Engineer, Upwork

September 2022 - Present

Develops and delivers customized software solutions for diverse clients, utilizing expertise in software development and programming. Proficient in multiple programming languages, including Python, Javascript, HTML, CSS, etc., as well as technologies such as Django, Git, AWS Tensorflow, etc.

Chess Tutor, Self-Employed

January 2018 - Present

Provides expert chess coaching and tutoring services to students of all ages and skill levels, nurturing their growth and improvement in the game.

Musician, Self-Employed

February 2018 - Present

Accomplished music producer and skilled pianist offering comprehensive services in music production and piano performance. Proficient in producing classical and CCM music leveraging technical expertise and creativity.

SKILLS

- Problem Solving
- Adaptability & Learning Agility
- Time management
- Programming Proficiency
- Teamwork
- Music
- Database Management
- Critical Thinking
- Chess

INTERESTS

- Chess Education
- Software Engineering
- Music

LANGUAGES

- Hausa - Native
- English - Expert
- French - Beginner