

MUTIULAH I Tesleem Olamilekan

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EDUCATION

Adeleke University Ede, Osun State, Nigeria.

2017 – 2021

Bachelor of Science (BSc.) in Computer Science

Second Class Upper (*Honors*) - 4.29 / 5.00

WORK EXPERIENCE

1. Graduate Assistant

August 2022 - Present

Summit University Offa, Kwara State, Nigeria.

- i. Coordinate Industry Immersion Program at the Department of Mathematics and Computer Science with over 20 students in attendance.
- ii. Deputy Coordinator, ICT Department: develop and manage the university website, admission, and student portals currently in use by over 150 students.
- iii. Assists HOD Mathematics and Computer Science Department on a **Course:** Object Oriented Programming (JAVA), Introduction to Computer.

2. Software Engineer

August 2022 - Present

Innovation and Advanced Science Research Group (IASRG)

- i. Contributed to the creation of websites for all awarded grants within the unit.
- ii. Served as a team member for Computer Science and AI-related proposal development.
- iii. Managed and oversaw AI-related projects wins, including handling project execution and organizing associated events.

3. Software Engineer (Contract)

August 2022 – August 2023

Vorbtech Innovative Solutions

Back-end developer on the SWEET RIDE project; [A mobile app like Uber](#)

- i. Develop and maintain a RESTful API using PHP and Laravel framework.
- ii. Implementing new features, such as integration with third-party payment systems.
- iii. Collaborate with a cross-functional team including a project manager, UI/UX mobile developer, and front-end developer to deliver high-quality results.

4. Software Engineer

March 2021 - September 2021

O' Bounce Technologies Ibadan, Nigeria. ([Fintech Company](#))

- i. Wrote a script that automated the manual process of updating over 50 websites and databases, ensuring website and database accuracy.
- ii. Built a credit scoring and loan system to simplify the loan decision-making process for over seven financial institutions.

5. **Software Developer** *January 2021 - March 2021*
Fountain University Osogbo, Nigeria.
i. Developed a school portal including of student portal, admission portal, online transcript application system, and bursary portal, among others.
6. **Software Engineer** *February 2019 - December 2019*
Ibn Qayyim Pros Institute of Arabic and Programming
Facilitator:
Trained 20 interns in website development: HTML and CSS, resulting in a more than 90% success rate in post-training assessment.
Project managed:
Designed a voting system using CSS, JavaScript, PHP, and HTML that can accommodate over 5,000 users without breakdown.

RESEARCH GRANT AWARDS

1. 2022: Artificial Intelligence for Females in STEM (AI4FS) Submitted to the Royal Academy of Engineering (HEP for Sub-Saharan Africa 22/24), Project ID: HEPSSA-2224-4-100184, [Role: Member, Team Lead ICT].
2. 2023: Biomethane Production for Clean Cooking (BP4CC) Fund by the School of Civil Engineering University of Leeds

PUBLICATIONS (ABSTRACT)

1. Tesleem Olamilekan Mutiulahi*, Usman Okeme ² (2023) Developing Effective Resource Access Management System for Academic Institutions, KU8 Consortium International Conference, University of Ilorin, Kwara State Nigeria (Approved)
2. Tesleem Olamilekan Mutiulahi*, A. Oluwafunmilola² (2023) Design and Implementation of a Private Tutor Finder System, KU8 Consortium International Conference, University of Ilorin, Kwara State Nigeria (Approved)

TALKS / WORKSHOPS / SEMINARS / CONFERENCES

1. **Facilitator:** A 2-Week Capacity Development Workshop for Offa Talent Pool, **BOOTCAMP Web Development**, Summit University, Offa Kwara State Nigeria, June (2023).
2. **Facilitator:** A 2-Day Capacity Development Workshop for Secondary Schools Teacher and Student's, **Financial Literacy Skill**, Summit University, Offa Kwara State Nigeria, June (2023).
3. **Participant:** Deep Learning INDABAX Nigeria 2023 Conference, June (2023).
4. **Participant:** A 2-Day Capacity Development Workshop, **Artificial Intelligence for Females in STEM(AI4FS) Conference** held by Artificial Intelligence for Females in STEM (AI4FS) projects sponsored by the Royal Academy of Engineers held at the Summit University Offa, November (2022).

5. **Facilitator:** Collaborative Capacity Development Workshop held at the International Vocational, Technical and Entrepreneurship College, Ajase-Ipo, Kwara state, October 2022.
6. **Participant:** A 2-Day Capacity Training on Grantsmanship, **Research Proposal Writing and Development for Academic Staff of Science & Technology- Based Disciplines in KWASU** held at National Centre for Agriculture and Mechanization, Idofian, Kwara state, October 2022.

SKILLS AND INTERESTS

Proficient in: PHP, Laravel, MySQL, HTML, CSS, Git, Bootstrap, JavaScript, jQuery, Microsoft Office, Heroku

Familiar with: Python, PostgreSQL

Research Interest: Artificial Intelligence (AI), Machine Learning, Expert Systems, Software Engineering

EXECUTED PROJECTS

1. **Design and Implementation of Private Tutor Finder (Final Year Undergraduate Project):**

A web-based application that allows students to find the perfect tutor for any subject they wish, **Stack used:** is CSS, JavaScript, PHP, Laravel, and HTML as the tech stack.

2. **Phone Store**

An e-commerce website for phone buying and selling.

3. **Online Computer-Based Test**

Created a computer-based testing application for the Federal University of Health Science Ila-Orangun to administer the 2022/2023 Post Unified Tertiary Matriculation Examination (Post UTME). More than 7000 students participated in the examination at their designated locations.

4. **Darul – Sallam**

A marked place for real estate agents, real estate companies, and individuals to market their properties to buyers.

5. **Agriculture Management System (AMS)**

Led the design and implementation of a remote farm management application, integrating real-time data collection, weather forecasting, harvest history management, and advanced analytics. Successfully delivered a user-friendly interface that empowers farmers to optimize agricultural operations, enhance productivity, and minimize resource consumption.

VOLUNTEER ACTIVITIES

1. **Served in National Youth Service Corps (NYSC)**

Project managed:

Develop and Implemented a Hostel Complaint System to address student concerns effectively.

Organized and managed events at Summit University

- i Grantsmanship: Arranged a workshop on grant writing, providing valuable knowledge to approximately 50 participants.
- ii Drone Building and Piloting: Conducted a hands-on session on building and flying drones, engaging an average of 50 participants.
- iii Clean Energy for Kwara State: Coordinated an event focusing on promoting clean energy practices, drawing an average of 50 attendees.
- iv DSN AI Invasion: Organized an event on the invasion of Artificial Intelligence in Data Science Nigeria, attracting approximately 50 participants.

2. Facilitator at IBN Qayyim Pros

Volunteered as Facilitator on a 1-month training for interns on website development at the Ibn Qayyim Pros Institute of Arabic and Programming.

LEADERSHIP EXPERIENCE

1. President, Faculty of Science Student Association (FOSSA):

Led a team of executives in organizing several successful events and initiatives.

- i. Arranging tutorials for 100 and 200-level students of all departments in my faculty, with an attendance rate of approximately 90%.
- ii. Organizing an orientation program for new students, with an attendance rate of approximately 90%.
- iii. Organizing an end-of-the-session dinner night for all students in the faculty, with an attendance rate of approximately 98%.
- iv. Establishing a developer group for the faculty called the FOSSA Developer Group.

2. Treasurer, Nigeria Association of Computer Science Adeleke University Chapter:

- i. Prepared financial reports and presented them to the executive team and the membership.
- ii. Managed the organization's budget and ensured that it was properly given and tracked.

3. Enrolment Drive Team Lead:

- i. Led a team of 10 in promoting Summit University to potential students at 7 secondary schools, demonstrating strong organizational and leadership skills. Successfully encouraged enrollment and helped to improve the university's visibility in the community.

LANGUAGES

Yoruba: Native language | Fluently level 85%

English: Not my native language | Fluently

REFERENCES

Engr. Prof. Abiodun Musa Aibinu,

Vice-Chancellor,

Summit University, Offa, Kwara State, Nigeria.

maibinu@gmail.com

Dr. Adepegba Oluwafunmilola,

Lecturer,

Adeleke University, Ede, Osun State.

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