MOYINOLUWA IDOWU

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EDUCATION

B.Tech Ladoke Akintola University of Technology, Nigeria, Computer Science   March 2024
        Thesis: Enhancing Knowledge Sharing Among Librarians In University Libraries
        Advisor: Dr Ogunmodede

RESEARCH EXPERIENCE

Ladoke Akintola University of Technology, Nigeria   September 2023-March 2024
Undergraduate Research Thesis
Advisor: Dr Ogunmodede

Title: Enhancing Knowledge Sharing Among Librarians In University Libraries

- Designed and administered surveys to 55 librarians across university libraries in Oyo State, Nigeria, achieving an 86% response rate (47 valid responses).
- Conducted quantitative analysis using SPSS to examine knowledge-sharing practices.
- Identified 3 major barriers (inadequate ICT skills, lack of training, poor infrastructure) and 2 key enablers (collaboration, management support) influencing knowledge sharing.
- Proposed a framework to strengthen information-sharing culture and improve librarians' efficiency.
- Produced a 75-page thesis and successfully defended it before faculty examiners.

WORK EXPERIENCE

Nuture Technologies and Services (Parent Company), Lagos, Nigeria
(Supported front-end development and user interface improvements for subsidiary projects, including Mbag Microfinance Bank)
Front End Web Development Intern   March 2025-Present
- Assisted in developing and maintaining responsive interfaces with HTML, CSS, and JavaScript, improving load speed by 25%.
- Collaborated with a 4-member team on testing and debugging, cutting UI bugs by 15%.
- Supported React component integration across 3 projects for consistent design.
- Ensured cross-browser compatibility (Chrome, Edge, Firefox), widening accessibility by 30%.
- Documented weekly tasks and contributed ideas during agile sprint reviews.
- Gained exposure to start-up culture and agile workflows.

LEADERSHIP & COMMUNITY INVOLVEMENT

DevFolks Community
Member   March 2025-Present
- Engaged in a developer-focused network providing opportunities for networking, collaboration, and professional growth

- Participated in technical workshops and events, enhancing coding and teamwork skills.
- Contributed to peer knowledge-sharing activities within the community.

National Drug Law Enforcement Agency (NDLEA), Lagos, Nigeria

Community Development Service Member   March 2025-Present
- Contributed to community sensitization campaigns on drug abuse prevention, reaching over 500 community members in Lagos, Nigeria, through outreach programs.
- Collaborated with a 10-member team to organize awareness talks in 5 schools and community Centers, engaging youths and parents.
- Helped distribute more than 200 educational materials and engaged residents in discussions to encourage social responsibility.

Undergraduate Mentorship
- Mentored and tutored colleagues on Numerical Computation and Computer Logic to strengthen academic performance   2022
- Supervised and supported 100-level students in Mathematics (MTH 101 & 102) and Physics (PHY 101 & 102), providing tutorials to improve academic performance.   2019

TRAINING & CERTIFICATIONS

The Complete 2025 Web Development Bootcamp – Udemy (Dr. Angela Yu)   2025
- Comprehensive training in Full-Stack Web Development, including HTML, CSS, JavaScript, Node.js, React, Databases, Git/GitHub, and deployment.

SQI College of ICT, Ibadan, Nigeria

Front End Web Development Trainee   April 2023-May 2024
- Completed structured training in HTML, CSS, and JavaScript, focusing on responsive web design, programming fundamentals, and UI development.

PUBLICATIONS

- O. R. Igbape, O. O. Akadiri, C. C. Ekechi, R. O. Okiemute, O. Babatunde, and **M. E. Idowu**, "Resilient dataflow intelligence (RDI): A proactive AI framework for anomaly anticipation in cloud databases," Global Journal of Engineering and Technology Advances, vol. 24, no. 3, pp. 314–327, 2025. Accepted September 22, 2025. DOI: 10.30574/gjeta.2025.24.3.0828.

- M. O Ighofiomoni, J. S Ojerinde, O. Iqmat, P. P Issah, A. O Similoluwa, O. Oluwaseun, E. T David, A. Idowu, **M. E Idowu**, and C. A Chinonyerem. 2025. "Advancing IoT Cybersecurity through AI and ML: A Comparative Study on Intrusion Detection and Privacy Protection". Asian Journal of Advanced Research and Reports 19 (8):159–174. https://doi.org/10.9734/ajarr/2025/v19i81122.

TECHNICAL SKILLS

- **Markup & Styling Languages:** HTML, CSS
- **Programming Languages:** JavaScript, Python
- **Database:** MySQL, MongoDB

- **Frameworks & Libraries**: Bootstrap, React
- **Tools & Platforms:** VS Code, Git/GitHub, Figma, Familiar with data structures, algorithms, and software engineering methodologies
- **Other CS Fundamentals**: Experience with operating systems, basic networking, and agile development practices

LANGUAGES

English, Yoruba: Native Language, Distinguished levels in Listening, Speaking, Reading, and Writing

REFERENCES

Available on request