Olubukola Eunice Adebiyi

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Portfolio, Website and Socials

- *https://github.com/Beacon-creator*
- *https://fanalera.vercel.app*
- *https://linkedin.com/in/olubukolaadebiyi*

Professional Summary

A computer engineering graduate with a strong foundation in software development, data analysis, and data engineering. Proficient in JavaScript, C#, Excel, and SQL, with hands-on experience managing freelance projects and delivering high-quality solutions. Skilled in developing small-scale applications, solving complex problems, and collaborating with cross-functional teams. Known for excellent communication skills and the ability to interact effectively with both technical and non-technical personnel to ensure successful project outcomes.

Tech Skills

Frontend Engineering & Backend Engineering

- HTML, CSS/SCSS, TypeScript, JavaScript
- React, Angular, Next.js, Tailwind CSS
- Node.js, Express.js, C# (ASP .Net core)

Mobile App Development & Desktop App Development

- .Net Maui, Blazor Hybrid (Visual Studio), React Native and JavaScript
- Window Forms, WPF, C#

Data Analysis and Engineering

- MS-Excel, PostgreSQL, SQL, TSQL, Python and R programming
- Microsoft Azure, Docker, GitHub

Work Experiences

Smart-Tex Ltd. (https://smartexng.com/). | Lagos State, Nigeria

- (6th January, 2025)

Software Developer (Remote)

- Design desktop software architecture, including components, interfaces, and data flow.
- Work effectively with other team members like project managers, designers, and QA engineers.
- Write clean, efficient, and well-documented code using relevant programming languages.
- Conduct unit, integration, and system testing to identify and resolve software defects.

- Participate in peer code reviews to ensure quality and maintain coding standards.

Ogun State Materials Testing Lab. | Ogun State, Nigeria
(9th January, 2024 – 23rd October 2024)
Data Analyst (NYSC Employment)
- Collected, organized, material test results of each client work to ensure accuracy and integrity to support informed decision-making.
- Verified quality standards for test data to guarantee data accuracy and integrity for client projects.
- Used tools such as Excel and SQL to interpret and analyze test data for construction materials like concrete and soil.
- Worked closely with site engineers to translate data findings into actionable insights that contributed to decision-making for each client's project.

SUSEJ Nigeria Limited | Lagos State, Nigeria
(4th August, 2021 – 3rd December, 2021)
Software Developer (Intern)
- Contributed to the development of two desktop applications for programming and utilizing 'Home-Meter' (IoTs) devices using Win-Form and C#, enhancing functionality for both manufacturers and end-users.
- Contributed to successful completion of a project within tight deadlines through efficient task prioritization.
- Leveraged technical expertise to support, maintain, document and explain software functionalities of IoT devices by assisting in the writing of user manuals.
- Utilized design tools like (window forms) in visual studio application to maintain web application forms, data groups and user experience functionality.

Volunteer Works
Academics Unit (Higher Ground Baptist Church) | Ogbomosho, Nigeria
(7th January, 2019 – 21st May, 2023)
Tutor (English language and Mathematics)
- Tutored on average over 20 students on English language courses, focusing on grammar, reading comprehension, and writing skills.
- Regularly assessed students' progresses through questions and practice tests, to analyze strengths and weaknesses.
- Served as the Head of Department for a year and introduced Computer Based Assessment to replicate the school's format.

Computer Engineering Department (Ladoke Akintola University of Technology) | Ogbomosho, Nigeria
(11th January, 2019 - 17th May 2023)
Course Representative

- Acted as the primary communication bridge between over 70 students and course lecturers, by ensuring smooth information flow regarding course updates, schedules, and assignments.
- Managed and distributed either physical or electronic course materials or resources to ensure that all students had access to essential academic resources.
- Assisted the Class representative in addressing any emergencies or last-minute changes in lecture schedules or course requirements through swift communication.
- Assisted the Class Representative and course lecturer to recorded class attendance.

Artificial Intelligence and Clean Energy Workshop (Ladoke Akintola University of Technology) | Ogbomosho, Nigeria
(8th – 10th November, 2021)
Program Volunteer
- Coordinated communication between instructors and participants, ensuring effective flow of information and adherence to schedules.
- Managed registration and attendance records, ensuring accurate documentation and smooth check-in processes.
- Collaborated with a team of volunteers to set up workshop spaces, ensuring they were well-equipped and ready for use.
- Assisted in catering for the welfare of the guests which included handling out program materials and also food.

Education
(8th January, 2018 - 2nd August, 2023)
Bachelor of Technology - Computer Engineering (Second Class Upper Division) | **Ladoke Akintola University of Technology, Ogbomosho, Nigeria.**

(6th September, 2010 - 4th August, 2016)
Secondary School Education | **God's Blessing Comprehensive College, Ibadan, Nigeria.**

Academic Publications
- Lamina, O., Ayuba, W., **Adebiyi, O.**, Michael, G., Samuel, O., & Samuel, K. (2024). *AI-Powered Phishing Detection and Prevention*. Path of Science, 10(12), 4001-4010. doi:http://dx.doi.org/10.22178/pos.112-7
- Olobo, N. A., Anthony, O. R., **Adebiyi, O. E.**, & Olaide, A. I. (2025). *A Survey of Computer Vision Methods for Financial Information Analysis in Healthcare Applications*. ALSYSTECH Journal of Education Technology, 3(2), 136-148. https://doi.org/10.58578/alsystech.v3i2.5015
- Ojo, O., Habeeb, A., **Adebiyi, O.**, Olanrewaju, S., Olabode, O., & Ezekiel, S. (2025). *IoT-Enabled Energy Storage Systems for Renewable Energy Grid Integration*. Path of Science, 11(3), 4001-4008. doi:http://dx.doi.org/10.22178/pos.115-10

Academic Qualifications
• Graduate Member, [The Nigerian Society of Engineers], [23rd July, 2024].
• Graduate Member, [The Association of Professional Women Engineers of Nigeria], [27th July, 2023].

Conferences and Seminars
• Gen 'Z'ealed National Boot-camp, [Purpose-Drive Educational Foundation], [9th September, 2023].
• Student Union Reform, [Ladoke Akintola University of Technology], [24th June, 2021].
• Business and Influence Summit, [Higher Ground Baptist Church], [30th January, - 1st February, 2020].
• Global Leadership Summit, [Global Leadership Network], [9th - 11th June, 2019].

Extra-Curricular Activities
• Leather Work Techniques, [Oseregi Fashion Academy], [1st September - 30th November, 2020].
• Football (Female Team), [Ladoke Akintola University of Technology], [19 July, 2018 - 10th March, 2021].

Professional Certifications
• Data Engineer Associate, [DataCamp https://fanalera.vercel.app/assets/documents/adecert.pdf]
• Frontend Development, [DevCareer https://fanalera.vercel.app/assets/documents/FEcert.pdf]
• Associate Data Analyst, [DataCamp https://fanalera.vercel.app/assets/documents/adacert.pdf]

Language
• English

Referees
• **Engr. Folorunso Abosede (**Superintending Engineer, Ogun State Material Testing Laboratory) | Quarry Road, Abeokuta, Ogun State. **(**08038176875**).**
• **Engr. Peter Idowu (**Research Assistant, Centre for Emerging Skills and Technologies) | Ladoke Akintola University of Technology, Ogbomosho, Oyo State. **(**08132079172**).**