

ADAEZE NNONYELU

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SUMMARY

Highly motivated employee who is eager to take on new challenges. Embodying strong work ethics, the ability to adapt, and exhibiting exceptional interpersonal skills. I am capable of working effectively unsupervised and quickly mastering new skills.

EDUCATION & CERTIFICATION

Nnamdi Azikiwe University—Anambra, Nigeria,
BEng, Electronic and Computer Engineering

September 2017 – April 2023

African Leadership Accelerate (ALX) – Remote
Software Engineering

August 2022 - April 2023

Nsonye Women In Tech - Remote
Product Management

June 2023 - October 2023

Encode Club x Venture Miner -Remote
AI Foundation

May 2024 - June 2024

Data Science & Engineering—Remote
Tech4Dev Women Techsters

September 2025 - Present

WORK EXPERIENCE

Software Quality Assurance Engineer,
Hasob Integrated Services – Abuja

February 2025 - Present

- Executed manual test cases for web and mobile applications, identifying over 250+ bugs during sprint cycles.
- Collaborated closely with software developers and product managers to clarify acceptance criteria and ensure test coverage.
- Created detailed bug reports using the JIRA platform, enhancing efficiency and reducing resolution time by 20%.
- Participated in weekly stand-ups and sprint planning, advocating for QA best practices.
- Contributed to writing basic automated test scripts using Selenium, Katalon Studio, and Testgrid, expanding test coverage by 25%.
- Conducted regression testing, verified bug fixes, and validated releases in staging environments.
- Helped maintain the test cases repository in TestOps for reusability and documentation.

Python Data Scientist Intern,

February 2024 - January 2025

National Center for Artificial Intelligence and Robotics (NCAIR) – Abuja

- Developed automated scripts to streamline data processing tasks using Python and R.
- Integrated Python libraries (matplotlib, tensorflow, scikit-learn, seaborn, etc) to develop models, machine learning algorithms, and predictive analytics solutions to address real-world problems in different sectors (healthcare, retail and finance, agriculture, etc.)
- Analyzing large amounts of complex data to extract insights using Google Colab and Jupyter Notebooks.
- Collected and preprocessed data to build and maintain data pipelines.
- Report writing and presentation of findings.
- Usage of evaluation metrics such as the confusion matrix, F1 score, etc., to track model performance.
- Created data visualization tools to communicate insights and findings from analysis with Power BI.

- Deployment of developed models on Streamlit.

Product Manager

Nsonye—Remote

July 2023 - November 2023

- Constructed and implemented product roadmaps to ensure the successful development of new products.
- Conducted market research and competitive analysis for existing and potential products.
- Managed cross-functional teams across departments, including engineering, design, and data analysts.
- Conducted user interviews, surveys, and focus groups to determine customer needs.
- Worked closely with engineering teams to ensure feature specifications are understood and implemented correctly.
- Collaborated with designers to create prototypes and visual mockups.

Fundraising Assistant

Empowered Sapiens Mulier Initiative (ESMI) – Remote

August 2022 - March 2023

- Conducted donor research and tracked relevant information.
- Created online fundraising campaigns using social media platforms with insightful content designed to highlight organizational objectives and attract givers.
- Collaborated with staff members on developing innovative ideas to promote campaigns aimed at raising funds.
- Provided timely assistance to existing or prospective donors regarding donation programs or activities.
- Conducted follow-up calls to thank donors for their contributions or solicit additional funds.

Spectrum Administration Database Intern,

Nigerian Communication Commission—Abuja, Nigeria

October 2021 - April 2022

- Developed and maintained database records, forms, reports, and queries.
- Audited the commission's legal documents to verify compliant policies and procedures.
- Contributed to the tracking and organization of frequency assignment records.
- Handled calculations and invoicing of frequency fees.
- Contributed to the planning and monitoring of the Radio Frequency Spectrum allocation in Nigeria, and contributed to investigating the allocation of 5G spectrum introduction in Nigeria.
- Assisted in monitoring frequency disturbances on-field.

PROJECTS

- **Detection and Classification of Histopathological Breast Cancer Images:**

Developed a deep learning AI Model using a fusion of CNN frameworks to detect and classify breast cancer from histopathological images.

- **Supermarket Sales Analysis:**

Analyzed supermarket sales data from 3 different city branches, performing bivariate analysis, feature encoding, and detailed visualization with Power BI.

- **Cartoonify Image Application:**

Designed a GUI application with Python's Tkinter to transform JPEG and PNG images to cartoonified images, optimizing the user interface for seamless functionality.

- **SQL Murder Mystery:**

Using PostgreSQL to analyze and solve a fictional murder mystery by writing complex SQL queries. Demonstrated data exploration skills using schema inspection to understand underlying relationships and data structure.

- **Comprehensive Power BI Visualization Reports:**

Building interactive Power BI reports showcasing various analyses, such as traffic crash data, cancer prediction data, fish farm data, student success prediction data, energy analysis, etc. Performing exploratory data analysis and summarizing insights in a final report.

- **Predictive Modeling for Lagos Rainfall:**

Developed a regression-based predictor to support urban flood management and risk insights. Improved forecast accuracy using feature engineering and hyperparameter tuning.

VOLUNTEER ACTIVITIES

- **Member**, Women In Data Africa (WIDA) **February 2025 - Present**
Actively cooperating with women in data to improve and excel in data communities, partaking in community activities and projects.
- **Member**, Empowered Sapiens Mullier Initiatives **August 2022 - Present**
Actively coordinating with a team of other volunteers to raise awareness and drive sustainable initiatives to better the well-being of the women and children in Abuja.
- **Member**, Rotaract Club **February 2021 - April 2023**
Actively coordinating with a team of Rotaractors to raise awareness and drive sustainable youth-led initiatives to better the well-being of the people in the South East.

SOFT SKILLS

- Attention to details
- Adaptability
- Team Management
- Communication
- Analytical thinking
- Microsoft Office & Google Workspace
- Collaboration
- Agile Methodologies