Sanni Shazily Oladipupo

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SKILL

- **Programming Languages**: Python, JavaScript, C
- **Tools/Technologies**: scikit-learn, NumPy, Pandas, Matplotlib, Seaborn, Tinkercad, Langchain, Django, React, Git
- **Concepts**: Supervised (Regression, Classification) and Unsupervised Learning (Clustering, Dimensionality Reduction), Data Wrangling, OOP, RAG, Statistics

EXPERIENCE

Action Health Incorporated   Lagos, Nigeria
Youth Ambassador   January 2025 – April 2025
  - Led assembly outreaches across secondary schools, promoting adolescent health awareness and behavioral change initiatives.
  - Authored detailed outreach reports and contributed to program evaluation documentation.
  - Collaborated with other ambassadors to design and implement youth-centered advocacy campaigns.

Avzdax Technologies — Remote / Lagos, Nigeria
Frontend Developer (Intern)   June 2025 – Present
- Developing responsive web interfaces using React and Tailwind CSS for peace-tech and data infrastructure projects.
- ● Collaborating with backend engineers to integrate APIs and enhance user interaction flows.
- ● Participating in code reviews, design sprints, and team collaborations to ensure scalable and maintainable product delivery

AI Hackathon

AI Developer (DermaScan AI)   March 2025 – Present

●Developed an AI model capable of detecting skin cancer through image analysis, improving early detection accuracy using Python and TensorFlow.
● Trained and evaluated the model with open-source medical image datasets, optimizing performance metrics through fine-tuning.

EDUCATION AND HONOURS

University of Lagos   Lagos, Nigeria
Bachelor of Science(Data Science)   January 2025 - January 2029

- Statistical theory, probability distributions, inference, and regression modeling, including linear, logistic, and time series analysis
- Multivariate methods, Bayesian statistics, experimental design, and applications across public policy, economics, and health sciences
- Statistical computing and data analysis using Python, R, SQL, and modern simulation techniques.

Cousera   Lagos, Nigeria
Data Science & AI   November 2024 - Present
- Acquiring foundational skills in data cleaning, analysis, and visualization using Python libraries like NumPy, Pandas, SciPy, Matplotlib, and Seaborn
- Exploring introductory machine learning techniques, including regression models, decision trees, and neural networks

Aje Comprehensive Senior High School   Lagos, Nigeria
High School Diploma   July 2024
- Cumulative GPA: 4.5/5.0
- Scholarships: ULSP, FIRST CLASS MUSLIM FOUNDATION   2022, 2024
- Leadership & Activities:
- **Headboy**
    - Head of Student Representative Council (SRC): Coordinated initiatives to enhance academic engagement and extracurricular participation.
    - JETS Club Member: Developed critical inquiry skills, learned design thinking methods, and hosted a session on "Human-Centered Design" attended by 30+ students.
- Relevant Coursework: Calculus, Data Processing, Science

PROJECTS AND LEADERSHIP

Collabovate Innovation Competition — Lagos, Nigeria
2nd Place Winner   September 2024   May 2025

- ● Co-led a team to design a sustainable tech-driven solution addressing urban waste challenges.
- ● Built a functional prototype and presented to industry judges, earning national recognition for innovation and teamwork.

Teenovatex Labs — Founder   Lagos,   December 2025

- Established a laboratory dedicated to equipping teenagers with hands-on coding, robotics, and AI skills.
- Designed the learning curriculum, supervised mentorship sessions, and led community-driven tech bootcamps.

Insurance Innovation Challenge — Lagos, Nigeria   Lagos, Nigeria
- *Designed a digital insurance accessibility solution that simplified claims processing and increased efficiency by 30%.*
- ● Led product presentation and technical documentation that secured first place among 20+ competing teams.

REAL LIFE PROJECTS PORTFOLIO :

AI & Machine Learning Projects

1. DermaScan AI
 https://derma-scan-ai.vercel.app/
 Revolutionizing skin health analysis with the power of Artificial Intelligence.
 Built an AI-driven platform that detects and classifies skin conditions from images using deep learning and computer vision.

2. Veritas AI — The Digital Truth Engine
 https://veritas-ai-dcfw.vercel.app/
 Stop Fraud in 10 Minutes, Not 10 Days.
 Developed a forensic AI system that analyzes unstructured claims data and generates automated, evidence-based reports for fraud detection.

3. OBEX — Smart Surveillance Platform
 https://obex-chi.vercel.app/
 Stay one step ahead of danger.
 An intelligent real-time monitoring and alert system designed for crime prevention and urban safety analytics.

🌐 Language & Education Projects

4. Ilmeen — AI-Powered Arabic Learning Assistant
 https://ilmeen.vercel.app/
 Revolutionizing Arabic Learning — The Smart Way to Connect with the Language of Revelation.
 A culturally inspired AI tutor that personalizes Arabic learning experiences for African Muslim youth.