

Abdulazeez Abdulakeem

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GitHub: <https://github.com/aramydcd> • Portfolio: <https://aramydcd.github.io>

Backend Developer

Results-driven **Backend Developer** with an ND in Computer Science and a focus on building scalable server-side logic. Proficient in **Python (Django)** and **VB.NET**, with extensive experience in **API development**, **RESTful services**, and **database management**. Proven ability to architect multi-role systems with secure authentication and real-time data processing. Strong problem-solving skills and experience working within the full **Software Development Lifecycle (SDLC)** to deliver high-performance applications.

WORK EXPERIENCE

4Real Global IT Solution

Ijebu-ode, Ogun state

Innovative ICT Firm

Software Developer (Backend Focus) | SIWES Placement • Internship

Dec 2024 – Mar 2025

4 Months

- Engineered robust server-side logic and desktop applications using VB.NET, optimizing calculation performance for financial tools.
- Applied OOP principles to create modular and reusable code for financial and academic calculators reducing system redundancy by 20%..
- Collaborated with cross-functional teams to manage the full SDLC, improving system reliability through advanced debugging and unit testing.
- Ensured data stability and integrity across multiple desktop service environments.

EDUCATION

National Diploma (ND) in Computer Science

Moshood Abiola Polytechnic, Abeokuta

Expected Graduation: Dec 2025

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Design, System Analysis and Design.

PROJECTS

All projects are available on my GitHub profile

Student Academic Management System (Django)

Oct 2025

- Architected** a high-performance multi-role system (student, lecturer, admin) for managing academic workflows **using Django REST Framework principles for API endpoints**.
- Developed secure **API endpoints** for managing attendance tracking and real-time feedback and course allocation.
- Managed database relationships to ensure seamless data flow across high-traffic academic workflows.

Drug Verification System (Django)

Sep 2025

- Developed a secure verification platform featuring multi-level user authentication for manufacturers and consumers to prevent pharmaceutical fraud..

- Integrated barcode scanning logic and batch number verification APIs to link manufacturer data with consumer endpoints.
- Integrated database management (SQLite/SQL) and robust API functionality.
- Focused on **backend security** and data encryption for sensitive pharmaceutical records.

Student Performance Monitoring System (Streamlit Apps)

Aug 2025

- Built an AI-integrated application featuring user authentication, course management, GPA prediction models and group messaging.
- Designed a clean UI using Streamlit while maintaining a heavy backend focus on data processing.
- Optimized data processing backend to handle real-time student performance analytics.

Portfolio Website (HTML, CSS and Javascript)

Sep 2024

- **Designed** and **developed** a personal website deployed online to showcase projects, skills, and professional experience.

Desktop Application (VB .NET)

Mar 2025

- **Developed** loan application calculators, departmental GPA calculators, and simple arithmetic operation calculators using VB .NET.

SKILLS

Backend & APIs: Python, Django, RESTful APIs, VB.NET, Java.

Database Management:: SQLite, SQL

Core Competencies: Object-Oriented Programming (OOP), System Architecture, API Integration, Backend Security, Debugging, and Optimization.

Tools & Platforms:: Git, GitHub, VS Code, Visual Studio, NetBeans

Soft Skills:: Analytical Problem-Solving, Collaborative Teamwork & Time Management , Technical Documentation & System Integration, Continuous Learning (Fast Learner of new Technologies)

Web Technologies: JavaScript, HTML5, CSS3, Streamlit.

Interests: Backend Development, Machine Learning & AI, Building problem-solving applications, Research and continuous learning