

# Mohammed Mohammed Awwal

Software Developer

No.3 Babangida Aliyu Crescent,  
Lifecamp, Abuja.

09099410886

[Awwalmohd250@gmail.com](mailto:Awwalmohd250@gmail.com)

[Linkedin](#)

[Github](#)

## EXPERIENCE

### **HiiT, Zone 6, Abuja — Software Developer Intern**

May 2023 - Nov 2023

I completed a Python program focused on software development, covering key concepts like data structures, algorithms, and application design. The course emphasized practical coding and problem-solving skills.

### **A.G Trinix, CBD, Abuja — Software Developer Intern**

Nov 2022 - Jan 2023

I completed an intensive Java program focused on backend development. It involved designing and implementing scalable applications, learning industry best practices like object-oriented programming and debugging, and working on real-world projects to gain hands-on experience.

### **ALX-AFRICA, Remote — Software Engineer Intern**

Nov 2022 - Jun 2024

A comprehensive Software Engineering program designed to build expertise in developing and maintaining complex systems. It covers core topics like data structures, algorithms, and system design. I gained hands-on experience through coding challenges and real-world projects, focusing on mastering tools, agile methodologies, and best practices for dynamic development environments.

## EDUCATION

### **Ahamdu Bello University, Zaria, Kaduna — B.Sc.**

Jan 2019 - Oct 2024

Bachelor of Science in Computer Science.

### **New Horizons College, Minna, Niger State — O-level**

Aug 2012 - July 2018

Secondary School Diploma.

## SKILLS

Communication

Team Work.

Leadership.

Problem Solving.

Java | Springboot | API  
development

Debugging

Python

Junit | OOP | MySQL | NoSQL |

Git | Unit Testing |

Microservices

FullStack

## LANGUAGES

English, Hausa, Nupe, Arabic.

## PROJECTS

### Obj Detection Desktop app — *Built with Python*

I developed a robust Object Detection App utilising **YOLOv3**, **OpenCV**, and **CustomTkinter**. The application enables real-time and image-based object detection, supporting static and dynamic inputs like images, videos, and webcam feeds. Key features include an intuitive, modern UI with theme customisation, efficient object detection using advanced computer vision techniques, and real-time FPS tracking for performance monitoring. The project showcases expertise in **Python programming**, **machine learning integration**, and **UI/UX design**, emphasising practical, user-friendly solutions for complex tasks.

### Family Cashcard Service — *Built with Java, spring*

I developed the **Family Cash Card Service**, a comprehensive application designed to help families manage allowances through digital debit cards. This service enables parents to allocate funds, track spending, and promote financial literacy among family members in a controlled and secure environment.

The application was built using modern development practices, including **RESTful APIs** for seamless communication between services and clients. **Spring Security** was implemented to ensure robust authentication and authorization, safeguarding sensitive financial data. I leveraged **data persistence** to efficiently manage user data and transaction histories, ensuring reliability and scalability.

To maintain high code quality and application reliability, I adopted a **Test-Driven Development (TDD)** approach, writing unit and integration tests before developing application logic. This project reflects my expertise in **modern application development** and backend engineering, combining technical proficiency with practical problem-solving to deliver a secure, user-friendly solution.