

AJAYI ADEBOYE SAMUEL

E: ajayiadeboye2002@gmail.com | P: +234 703 349 5178 | L: Lagos, Nigeria
LinkedIn: [linkedin.com/in/adeboye-melvin](https://www.linkedin.com/in/adeboye-melvin) | GitHub: github.com/officialmelvinp

Professional Summary

Detail-oriented backend developer and InternPulse Cohort 5 finalist (top 123 out of 169 participants) with proven expertise in Python, Django, and RESTful API development. Adept at leveraging technology to solve complex problems, optimize operations, and drive decision-making through data analysis. Passionate about building scalable systems and integrating innovative solutions to improve user experience and business outcomes.

Technical Skills

Programming: Python, Django, Django REST Framework

Databases: PostgreSQL, SQLite

Tools & Libraries: Pandas, NumPy, Selenium, GitHub

Other Skills: Data Analysis, API Integration, Cloud Deployment (Render)

Work Experience

InternPulse

Backend Development Intern - Remote | October 2024 – December 2024

- Achieved finalist status in Cohort 5, ranking in top 123 out of 169 participants
- Designed and implemented scalable backend APIs for Library Management, Healthcare Appointment, and Product Management systems
- Collaborated with cross-functional teams to refine API functionality, ensuring robust filtering, search capabilities, and error handling
- Automated data scraping using Selenium to support the analytics team
- Built financial analytics APIs, integrating databases with external APIs to generate real-time insights

Skills: Python, Django, Selenium, RESTful APIs, PostgreSQL, GitHub

Premier Lottery, Lagos

Operations Support | 2017 – Present

- Managed operations across 50+ outlets, improving efficiency by 15% through supervision, data-driven decision-making, and performance monitoring
- Adapted to economic shifts by optimizing budgets and achieving a 20% increase in sales over three years
- Conducted audits and ensured regulatory compliance, safeguarding the company from financial risks

Skills: Team Management, Data Analysis, Budgeting, Operations Optimization

Accenture North America Data Analytics and Visualization Simulation

Intern (Forage) - Remote | September 2024

- Cleaned, modeled, and analyzed datasets to uncover insights for strategic decision-making
- Presented findings in a detailed PowerPoint and video presentation for stakeholders

Skills: Data Analytics, Visualization

Notable Projects

Library Management API

- Created a comprehensive system with advanced filtering by title, author, and genre
- Integrated PostgreSQL and Django signals for automated status updates
- Deployed on Render for real-time data handling

Technologies: Django, Django REST Framework, PostgreSQL

Healthcare Appointment API

- Developed a backend system for managing patient bookings, with features like Google Sign-Up and email verification
- Designed secure RESTful APIs for managing profiles and scheduling appointments

Technologies: Django, SQLite, Google OAuth

Financial Analytics for Renewable Energy

- Built a financial analytics API to track profitability, identify top-performing products, and generate actionable insights
- Connected the API to consume live data from the product management services, ensuring real-time synchronization
- Implemented dynamic date-based filtering for detailed and customizable data analysis

Technologies: Django, PostgreSQL

Product Management API

- Developed an API for seamless inventory and workflow management
- Enhanced system performance through database optimization and cloud deployment

Technologies: Django, PostgreSQL

Education

Bachelor of Science in Accounting

Olabisi Onabanjo University

Certifications

- InternPulse Cohort 5 Finalist - Backend Development (December 2023)
- Backend with Python Django (Univelcity)
- Data Analytics Professional Program (One Campus Academy)

Soft Skills

Problem-Solving | Collaboration | Communication | Attention to Detail | Time Management