

# Samuel Aboderin

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## EDUCATION

### University of Lagos

*B.Sc. in Computer Engineering*

– Relevant coursework: Data Structures & Algorithms, Distributed Systems, Operating Systems, OOP, Cloud Computing, ML

Akoka, Lagos, Nigeria

*Jan 2022 – Jun 2027*

### Oracle University

*Oracle Data Platform Foundations Associate*

Oracle

*July 2025 – Oct 2027*

## TECHNICAL SKILLS

**Languages:** Python, Java, TypeScript, C++, SQL

**Backend & Data:** Flask/Django, REST APIs, pandas, NumPy, PostgreSQL, ETL pipelines, Distributed Systems

**Cloud & DevOps:** AWS (EC2, S3, RDS), Docker, CI/CD

**Frontend:** React, Next.js, HTML, CSS

**Tools:** Git, GitHub Actions, Jenkins, Linux/macOS

## LEADERSHIP & STARTUP EXPERIENCE

### ShopBelly

*Founder & Lead Backend Engineer*

Jan 2025 – Present

*Lagos, Nigeria*

- Built Python Flask microservices + PostgreSQL marketplace backend, serving 15+ vendors and 100+ users.
- Designed REST APIs for authentication, payments, and vendor services with JWT-based security.
- Implemented Docker + AWS CI/CD pipeline, achieving 65% feature completion for investor demo.

## PROFESSIONAL EXPERIENCE

### Coach John

*Software Engineer Intern (Python)*

Apr 2025 – Present

*Canada, Remote*

- Built Python/Flask backend and PostgreSQL databases for learning platform with 1,000+ users; improved response times by 30%.
- Created Python ETL pipelines and deployed via Docker + AWS Amplify; raised CI/CD reliability by 25%.
- Led sprint planning, API design reviews, and delivered two major feature releases.

### Marigold Signature

*Backend Engineer Intern (Python)*

Oct 2023 – Dec 2024

*Lagos, Nigeria*

- Developed Django REST API for authentication/payment workflows using PostgreSQL.
- Implemented monitoring and integration tests; resolved 15+ critical backend bugs pre-production.

## PROJECTS

### SalesFlow Analytics

*Python, Next.js, AWS EC2, Docker, PostgreSQL*

- Created Python ETL pipeline to ingest and transform sales data into PostgreSQL; reduced latency by 85%.
- Developed Flask API exposing analytics to React; boosted forecast accuracy by 20%.

### Inventory Management System

*Python, Next.js, AWS RDS, Docker, CI/CD*

- Built Python forecasting module with pandas—cut stockouts by 35%.
- Implemented Flask API handling 100+ daily transactions with 99.9% uptime.

## HACKATHON

### SnapCart (Bolt.new Hackathon)

*2025*

- Designed full-stack shopping app with camera-based scanning and real-time cart updates.
- Praised by judges for simplicity, polish, and technical implementation.

## CERTIFICATIONS

### Machine Learning Specialization

*DeepLearning.AI / Stanford, 2025*

### Accelerating Data Engineering Pipelines

*NVIDIA, 2025*

### Fundamentals of Deep Learning

*NVIDIA, 2025*

### Financial Markets

*Yale University (Coursera), 2025 (ongoing)*