

Aisha Mohammed

Lagos, Nigeria

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Education

University of Lagos

Bachelor of Science in Computer Science

Sep 2017 – Jul 2021 | Lagos, Nigeria

GPA: 4.8/5.0

Activities: Google Developer Student Club Lead, Women TechMakers Ambassador, Machine Learning Study Group Organizer

Relevant Coursework: Web Development, Object-Oriented Programming, Database Systems, Data Structures, Algorithms, Software Engineering, Computer Networks

Honors Project: E-commerce Platform for Local Artisans with Integrated Payment Solutions

Work Experience

Backend Engineer | Paystack | Aug 2021 - Present | Lagos, Nigeria

- Developed RESTful APIs for payment processing platform handling \$500M+ in annual transactions.
- Optimized database queries and implemented caching strategies reducing API response time by 70%.
- Built fraud detection system using machine learning models that reduced fraudulent transactions by 45%.
- Designed and implemented microservices architecture for the international expansion of the platform.

Skills

Backend: Node.js, Express, Django, Flask, Spring Boot, NestJS

Languages: JavaScript, TypeScript, Python, Java, Go

Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch

APIDesign: REST, GraphQL, API Documentation, Versioning, Rate Limiting

Security: Authentication, Authorization, OAuth, JWT, Input Validation, Data Encryption

Performance: Caching, Database Optimization, Load Testing, Profiling, Horizontal Scaling

Other: Microservices, Message Queues, Docker, CI/CD, Payment Integration, Unit Testing

Certificates

AWS Certified Developer – Associate

MongoDB Certified Developer Associate

Node.js Certification

Google Cloud Certified – Professional Cloud Developer

Awards

Top Tech Talent Under 30 – Nigeria Technology Awards 2023

Best API Design – African Fintech Hackathon 2022

Women in Tech Leadership Award – She Code Africa 2022