

# Onyeka Gerald Ujowundu

Fullstack Engineer

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## Summary

Proficient Fullstack Engineer with over 4 years of experience in designing, developing, and implementing scalable and secure frontend and backend applications. Skilled in utilising frameworks like React, Django and ExpressJs to build high-performance, responsive web applications, and experienced in applying test-driven development to ensure error-free and secure API implementation.

## Skills

**Languages:** Python | Javascript | C | Dart | Bash | SQL | HTML | CSS

**Tools and Platforms:** AWS | DigitalOcean | MongoDB | Puppet | Linux | DatadogApi | Redis | MySql | PostgreSql

**Frameworks and Libraries:** Django | React | Expressjs | NodeJs | unittest | pyTest

## Experience

### GlobalTech Institute | Software Engineer

Ikorodu, Lagos, Nigeria | 07.2020 - 03.2023

- Drastically reduced inefficient data queries by designing an optimized database structure, improving overall performance by **20%**.
- Eliminated unauthorized account access in an e-learning application by implementing two-factor authentication, improving overall security by **15%**.
- Prevented a denial-of-service (DDoS) attack in an e-learning web application's backend by integrating rate-limiting middleware, enhancing overall security by **25%**.
- Enhanced data read efficiency and reduced query load in a FinTech mobile application by implementing real-time data replication across multiple MySQL instances, lowering application latency by **30%**.

### Lead Tech Institute | Software Engineer

Ikeja, Lagos, Nigeria | 01.2019 - 03.2020

- Designed and integrated third-party backend software, enhancing scalability and overall application performance.
- Implemented and integrated third-party APIs with secure payment processing logic, enabling seamless user payments with faster response times.

## Education

### ALX Software Engineering | Professional Certificate

Ikeja, Lagos, Nigeria | 05.2023 - 06.2024