

Uchenna J. Onyenso

Back-end Programmer

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📍 Nigeria



SKILLS

Tools and Technologies

- Python
- JavaScript
- Django
- HTML
- CSS
- SQL
- Git
- RabbitMQ
- PostgreSQL
- Docker

Industry Knowledge

- Microservices
- Agile Methodology
- Data Structures
- Algorithm Analysis
- Full-stack Web Development
- Programming

Soft Skills

- Oral and Written Communication
- Team Building
- Lifelong Learning
- Persistent
- Leadership and Management

PROFESSIONAL DEVELOPMENT

Computer Science for Web Programming Harvard X

April 2020 – July 2021

EDUCATION

B.Eng. Electrical and Electronics Engineering Michael Okpara University of Agriculture Umudike

2016 – 2021 | Abia State, Nigeria

Senior Secondary Certificate of Education Government College Umuahia

2010 – 2016 | Abia State, Nigeria


PROFESSIONAL EXPERIENCE

Back-end Developer


Dukka Ltd.

August 2022 – present | Lagos, Nigeria

Notable Projects

1) Dvault by Dukka  is a back-end API service that gives other developers the ability to easily integrate a wallet feature into their application. The service enables the creation of dynamic bank accounts that will be linked to wallets and allows the end user to be able to send and receive funds to this wallet. Additionally, the API provides simplified KYC verification, tracking of funds and transactions history records, making it easier for businesses to reconcile accounts and maintain accurate financial records.

- Reduced the time and effort required for other developers to integrate a wallet feature into their applications, resulting in increased efficiency and productivity for development teams.
- Provided users with a convenient way to manage their funds in-app, increasing user satisfaction and engagement.
- Enabled businesses to expand their offerings and monetize their applications by integrating a new revenue stream through the wallet feature.

2) Dukka Small Business Loan  is a website that enables users to apply for a business loan online. The portal provides a streamlined and convenient way for users to fill in their personal details, loan guarantor information and loan details, which is then securely submitted to Dukka for processing. As the back-end developer, I was responsible for designing and building the system that saves user details upon submission, notifies Dukka when a new application is received, and ensures the highest level of security and reliability for financial transactions.

- Enabled users to conveniently apply for a business loan online, reducing the need for in-person visits and increasing accessibility for the businesses.
- Increased efficiency and streamlined the loan application process which reduced the workload for Dukka's loan processing team.



PROFESSIONAL EXPERIENCE CONT.

3) Simone by Dukka is an enterprise-wide application used internally to keep track of all terminal devices that comes into the company and used to manage them throughout their life cycle. This includes keeping track of which merchants they are sold to, how much is being processed and amount of revenue generated by the terminal. The system also provides inventory management capabilities, ensuring that the company has the right number of devices in stock at all times. Additionally, the system was designed to incorporate a robust security framework, with roles and permissions implemented to ensure that only authorized personnel can perform certain actions.

- Simone has provided the company with a comprehensive inventory management solution, reducing the time and resources needed to manage the devices in stock.
- The system provides real-time reporting on device inventory, allowing the company to make informed decisions on device management and procurement. It gives insight to the performance of these terminals in the market.

Roles and Responsibilities

- Develop and implement back-end solutions for various projects, including creating APIs and database design.
- Collaborate with cross-functional teams, including front-end developers, product managers, and designers, to deliver high-quality software products.
- Write clean, maintainable, and scalable code that adheres to best practices and coding standards.
- Optimize the performance of existing systems and troubleshoot issues as they arise.
- Create and maintain documentation for all back-end systems, including technical specifications and user guides.
- Conduct code reviews and provide constructive feedback to other developers on the team.
- Stay up-to-date with the latest trends and technologies in back-end development and incorporating them into the company's projects where appropriate.



VOLUNTEERING

Google Developer Student Club - Michael Okpara University of Agriculture Umudike

Web Instructor

2021 – 2022 | Abia State, Nigeria

GDSC is a voluntary club that has taken responsibility to help students grow as developers and empower them to impact their communities with technology. The club is spread out over hundreds of universities and higher institutions across the globe.



PUBLICATIONS

Web APIs: The Foundation of Modern Technology

Hashnode

June 2023

A lot about APIs, including history, benefits, types, economy and security of APIs.

Getting Started with Full-stack Web Development

Hashnode

April 2022

An introduction to full-stack development. Explains front-end, back-end, libraries, frameworks, APIs and more.



FIND ME ONLINE


LinkedIn

<https://linkedin.com/in/onyenso> 

GitHub

<https://github.com/Onyenso> 

Twitter

<https://twitter.com/yensouchenna> 

Blog

<https://alphadevvv.hashnode.dev/>