

ADEDEJI ROTIBI

Lagos, Nigeria

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Profile Summary

Versatile software engineer with a strong focus on backend and mobile development. Skilled in multiple languages and frameworks. Looking to leverage technical and leadership skills in challenging roles.

Technical Skills

Languages: PHP, Dart, Go, Kotlin, Swift, JavaScript, SQL, NoSQL, Python, Java, HTML/CSS

Technologies/Frameworks: Laravel, Flutter, SpringBoot, React, GraphQL, Gin, Jenkins, gRPC, Docker, Kubernetes, GitHub Actions

Tools: VS Code, Android Studio, IntelliJ Idea, Amazon Web Services, Digital Ocean, Git, GitHub

AI/ML Tools: TensorFlow, Colab, Scikit-learn, Keras

Education

University of Lagos

Bachelor of Science in Computer Science

Jan. 2018 – Aug. 2024

Lagos, Nigeria

Leadership / Extracurricular

NITHUB, UNILAG

Mobile/Backend Training Tutor

2021 – Present

University of Lagos

- Steered and continued to direct the mobile and backend training programs at NITHUB, UNILAG, elevating its standards and reach since 2021.
- Successfully trained and mentored over 500 students across diverse technological domains in a span of three years.
- Championed open-source contributions, guiding numerous students to contribute to significant projects, fostering a culture of collaboration and learning.
- Facilitated students' career progression by securing internships and job opportunities, effectively bridging the gap between academic learning and professional demands.
- Cultivated partnerships and networks within the tech industry to provide students with exposure, opportunities, and mentorship.

Relevant Coursework

- Data Structures
- Database Management
- Systems Programming
- Operating Systems
- Software Methodology
- Artificial Intelligence
- Computer Architecture
- Algorithms Analysis
- Internet Technology
- Mobile Development

Experience

FXKudi Company Limited

Chief Technology Officer (CTO) & Co-Founder

February 2022 – Till Date

Accra, Ghana

- As the CTO & co-founder at FXKudi Limited, I architected and developed the FXKudi Core Platform using PHP for our back-end services powering millions of transactions within and outside Africa.
- Led efforts to build VTMoney; an FXKudi product that provides neo-banking services in Nigeria.
- Recently built and launched ClozarAfrica; another FXKudi product – currently serving over 3000 users – to effectively address challenges in cross-border commerce, logistics, and payment processing.
- Led an engineering team of 3 software engineers in the building of all our mobile, frontend, and backend applications.

JPMorgan Chase & Co

Software Engineer Intern

June 2023 – August 2023

London, United Kingdom

- Contributed to the ongoing development of JEM (Jira Execution Management) using Java SpringBoot for backend operations and React for front-end visualizations which helped to improve the efficiency of the company's project management processes.
- Added new features to the JEM platform, including loading "Tech Task" data type and task completion dates from Jira, and displaying the data in a user-friendly format.
- Updated the local caching system to include newly loaded data, reducing the need for fresh data loads and ensuring efficient access to Jira data.
- Collaborated with cross-functional teams to capture requirements and confirm smooth integration with the pre-existing infrastructure.

- Wrote new and updated old test cases to bring JEM's codebase test coverage to the acceptable 65% from 35%.
- Utilized internal Jenkins continuous integration service in order to automate the entire process of loading the latest build code and test files, running the tests, and generating a report of the results on every release.

VTMoney Africa

March 2023 – Till Date

Senior Software Engineer / Technical Lead

Lagos, Nigeria

- Spearheaded the development of "VTMoney", a digital banking solution enabling digital access to personal and corporate bank accounts in Nigeria.
- Pioneered VTMoney's expansion into a Banking-as-a-Service (BAAS) model, enabling businesses to effortlessly provide Nigerian bank accounts for their customers.
- Crafted and maintained RESTful APIs utilizing the Laravel PHP framework, and harnessed MySQL for dependable database operations.
- Integrated Redis; a fast, in-memory database for efficient queue handling, ensuring timely task processing and enhanced system performance.
- Designed the mobile banking app using Flutter and the MVVM architecture, guaranteeing maintainability and clear separation of concerns.
- Authored comprehensive tests for both the APIs and the Flutter app, cementing system resilience and code robustness.

Edenlife

September 2022 – March 2023

Senior Software Engineer

Lagos, Nigeria

- Engaged in the development of Edenlife, recognized as the "Concierge of Comfort" delivering room service amenities like Laundry, Cleaning, and Meals to homes throughout Africa.
- Architected and implemented the Wallet, Giftcard, and Wallet System APIs, forming a vital part of the platform's transactional backbone.
- Employed the Laravel PHP framework for backend development, ensuring scalable and robust solutions.
- Managed and optimized database structures and operations using MySQL, facilitating efficient data storage and retrieval.
- Authored and executed comprehensive unit tests for the APIs, ensuring reliability across both Lagos, Nigeria, and Nairobi, Kenya.
- Collaborated closely with cross-regional teams, ensuring seamless API integration and functionality in diverse locations.

JPMorgan Chase & Co

June 2022 – August 2022

Software Engineer Intern

London, United Kingdom

- Contributed to "ConnectMe", an audio/video soft-phone application, utilizing Java SpringBoot for enhanced backend operations.
- Led the unification of two disparate REST API codebases into a cohesive single project, optimizing performance and manageability.
- Achieved a marked reduction in code duplication, resulting in streamlined maintenance across the system.
- Employed SpringBoot's features to fine-tune API performance, ensuring seamless and high-quality audio/video interactions.
- Collaborated with the team on thorough testing, documentation, and transition strategies, reinforcing system reliability and future development clarity.

FoodBundles

March 2022 – September 2022

Technical Lead

Kigali, Rwanda

- Led a team of 5 developers in the development of 2 mobile applications (Customer and Aggregator) using Flutter, allowing customers to easily search for and purchase fresh produce.
- Developed a RESTful API using Laravel to handle requests from the mobile applications and the Admin dashboard.
- Implemented a payment gateway using Flutterwave and Payingtone to allow customers to pay for their orders.
- Expanded the customer base by 30% by successfully launching the application in Zambia.
- Reduced the time taken to process orders by 50% by implementing a real-time order tracking system.

Fixit45

September 2021 – March 2022

Software Engineer

Lagos, Nigeria

- Developed a mobile application using Flutter for the Xparts product, implementing a user-friendly interface, allowing customers to search for and purchase car parts easily.
- Designed and implemented a robust backend system for the main Fixit45 application, enhancing system performance and user experience.
- Optimized the application's database structure, improving data retrieval and storage efficiency.
- Collaborated with the team to identify and resolve bugs, ensuring the application's stability and reliability.

NativeRekords Technology

Software Engineer

March 2020 – August 2021

Kigali, Rwanda

- Developed and maintained a REST API for a Web (React) and Mobile (Flutter) application. Enabled customers to order drinks and wines online.
- Designed and implemented a secure and scalable system, ensuring data integrity and user privacy.
- Utilized PHP and Laravel to build a robust backend, enhancing system performance and user experience.
- Integrated third-party APIs for payment processing and SMS notifications, streamlining the ordering process.

Patricia

Mobile (Android) Engineer

September 2019 – December 2019

Lagos, Nigeria

- Developed an Android application using Java, Retrofit to allow customers to buy and sell cryptocurrency, gift cards.
- Reduced the time taken to process orders and increased security by implementing a real-time ordering system compared to the previous way of trading on WhatsApp.

Softbridge Solutions

Lead Software Engineer

September 2017 – December 2019

Lagos, Nigeria

- Built printdoctorafrica.com, a web application that allows customers to print different items (books, magazines, flyers) on demand.
- Developed dogood.africa, a web application that allows users to donate to different causes.
- Developed "smartscholar", a school management solution, for managing all academic activities for Nursery, Primary, and Secondary Schools in Nigeria.

Projects

VTMoney POS | *Dart (Flutter), PHP (Laravel), Amazon Web Services*

September 2023

- Led the mobile engineering efforts to craft a specialized POS (Point of Sale) application for VTMoney's corporate banking clientele.
- Expanded the VTMoney backend (API) to accommodate POS cashout functionalities, broadening the scope of transactional capabilities for users.
- Constructed an intuitive UI for the terminal application, optimizing for speed, clarity, and ease of use. Forged strong collaborations with backend teams, ensuring seamless API integration and prompt transactional processing.
- Instituted rigorous security protocols, defending sensitive transactional and customer data from potential threats.

Eretinacare Telemedicine App | *Dart (Flutter), PHP (Laravel), Digital Ocean*

January 2023

- Spearheaded the development of "eretinacare", a pioneering telemedicine solution tailored for eye care, utilizing Flutter for mobile and Laravel for backend operations.
- Facilitated seamless patient-doctor interactions by introducing appointment booking and real-time video consultations.
- Engineered a comprehensive management dashboard for doctors, enabling efficient appointment scheduling and patient record maintenance.
- Integrated an innovative fundus image capture and upload system, allowing specialists to share crucial images with doctors for accurate diagnosis.
- Successfully rolled out the application in rural Nigeria, bridging the gap between remote patients and quality eye care services.

Skeleton Loader (Flutter Package) | *Dart (Flutter)*

June 2020

- Conceptualized and developed skeleton loader, a dynamic Flutter package, enhancing user wait experience during app operations.
- Delivered deep customization options for developers, encompassing skeleton design, animation, and palette.
- Engaged with the Flutter community to refine features, subsequently incorporating feedback to bolster usability and adaptability.
- Meticulously documented and tested the package, ensuring ease of integration and consistent performance across diverse Flutter environments.