

# AGWU EZEKIEL

## Software Engineer

📍 Ibadan, Nigeria

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## SUMMARY

Experienced Software Engineer specializing in React Native and full-stack development, with a strong track record of building high-performance mobile and web applications.

Currently a Mobile Engineer at Yenovas Open University, previously contributed to projects at Mahdumo Enterprise Ltd, Sidebrief, and Mid-View Healthcare.

Proficient in React Native, Expo, Redux, Node.js, Express, and MongoDB, with expertise in authentication, state management, push notifications, and real-time messaging.

Passionate about developing scalable educational and enterprise solutions that drive user engagement and business growth.

## EXPERIENCE

### React Native Developer

#### MAHDUMO ENTERPRISE LTD

May 2024 - Present

I led the development of Mahdumo Learning, an innovative educational app that has transformed the company's offerings and boosted profitability. Additionally, I incorporated the Mahdumo Guidance App, which enhances parental engagement and communication with the school. This app allows parents to monitor student results, receive updates from the school, and participate in discussion forums.

#### Key achievements include:

- Enhanced User Experience: Intuitive features for students, instructors, and parents, including course management, real-time messaging, and interactive learning tools.
- Increased Engagement: Seamless integration with Zoom and Google Meet, discussion forums, and personalized profiles have significantly improved student participation and parental involvement.
- Improved Retention: User-friendly design and comprehensive notification systems have led to higher retention rates for both students and parents.
- Boosted Enrollment: The attractive and efficient platform has driven up student enrollment numbers, while the Guidance App has fostered a supportive community for families.
- Revenue Growth: The success of both apps has directly contributed to increased profit margins and strengthened Mahdumo Enterprises' market position.

## SKILLS

### Client-Side

HTML CSS JavaScript TypeScript React Redux

Tailwind-css React Native Expo Expo Router

Context API

### Server-side

MySQL NodeJS Express.JS Next.JS

MongoDB PHP, Supabase, PostgreSQL

### Cloud and Deployment

AWS EAS GOOGLE CONSOLE APPLE

CONSOLE

## TRAINING / COURSES

Meta Frontend developer Meta Backend Developer

## FIND ME ONLINE

LinkedIn [www.linkedin.com/in/agwuezekiel](https://www.linkedin.com/in/agwuezekiel)

## React Native Developer / Mobile App Instructor

### YENOVAS OPEN UNIVERSITY

May 2024 – March 2024

- Collaborate with engineers to build Mahdumo applications.
- Develop the frontend of the mobile app using Expo React Native, with Expo Router for navigation and Redux for state management.
- Implement the authentication section for both students and instructors.
- Develop the Home and Discover pages.
- Implement the Courses page, enabling students to enroll in courses, watch videos, take quizzes, complete assignments, and exams, and view grades.
- Develop the Published and Unpublished screens for instructors to monitor their courses, post modules and videos, create assessments, make announcements, and facilitate discussions with students.
- Implement a chat feature between students and instructors, and among instructors, using the Stream Chat messaging library.
- Create a Reminder screen for students and instructors to set reminders related to courses and goals.
- Implement push notifications using Expo Push Notifications.
- Develop a Profile screen for both students and instructors to create and update their profile images and social media links.

## Frontend Developer

### SIDEBRIEF

March 2023 – July 2024. Lagos,  
Nigeria [www.sidebrief.com](http://www.sidebrief.com).

- Collaborated with product managers and designers to create wireframes, mockups, and prototypes for new web applications, reducing development time by 40%.
- Implemented SEO best practices and optimized page metadata, increasing organic search traffic by 20%.
- Worked with cross-functional teams to identify and resolve performance bottlenecks, enhancing page load times by 30%.
- Developed scalable, modular, and API-centric infrastructures, decreasing customer complaints by 30%.
- Provided recommendations on UI technologies and processes, ensuring high-quality standards and improved user experience.

## React Native Developer

### Mid-View Healthcare Ltd

Jan 2024 – July 2024

[www.mid-viewhealthcare.co.uk](http://www.mid-viewhealthcare.co.uk)

- Supervised implementation of employee time shift and booking management.
- Managed the Client Page for booking creation and modification, and access to booking history.
- Conducted code restructuring to enhance professionalism and maintainability.
- Deployed the application for testing on Google Play and established a refined production build process for the Play Store.

## TRAINING / COURSES

Meta Frontend developer   Meta Backend Developer

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## React Native Engineer

**KODE10X** Lagos, Nigeria

Jan 2024 - July 2024

- Developed a healthcare app with sections for Employee, Client, and Admin.
- Led development of the Employee model, including job details and timesheet management.
- Implemented compliance and document upload for verifications and an authentication page.
- Deployed the app for testing and implemented a production build for the Play Store.

## Backend Engineer

**Cyberverdict**

Nov 2023 - Jan 2023 Lagos, Nigeria

- Led a team of three engineers in refactoring and building a high-performance web application.
- Spearheaded development for a collaborative content creation platform, focusing on backend integration, authentication, database management, and security enhancements.

## React Native Engineer

**Neru Lending**

Oct 2023 - Nov 2023 USA

- Developed and maintained React Native mobile applications, increasing client revenue by 15%.
- Delivered high-quality, user-friendly applications on time and within budget.
- Implemented best practices in React Native development, including component-based architecture and performance optimization.
- Contributed to new features and enhancements, significantly increasing user engagement and satisfaction.

## EDUCATION

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Bachelor of Education degree with a specialization in Business Education.

**Lead City University, Ibadan**

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