

AGWU EZEKIEL

Software Engineer

📍 Ibadan, Nigeria

✉ irechukwuezekiel@gmail.com

🌐 agwuezekiel.vercel.app

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.

Proficient in cross platform application such as 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.

Server-side

- Node.js, Express.js, Next.js API Routes
- REST & GraphQL (Apollo, URQL)
- Auth (JWT, OAuth, Firebase Auth)
- Databases (MongoDB, PostgreSQL, MySQL)
- WebSockets (Socket.io)

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

- React Native (CLI & Expo)
- TypeScript & JavaScript
- Redux & Redux Toolkit
- Context API React Query / TanStack Query
- UI/UX Design (Styled Components, NativeWind)
- Gesture Handling & Animations (Reanimated, Lottie)
- Navigation (React Navigation, Deep Linking)

Cloud and Deployment

- Firebase, Supabase, AWS
- Vercel, Netlify, Docker
- CI/CD (GitHub Actions, Fastlane)
- Play Store & App Store Deployment

React Native Developer / Mobile App Instructor

YENOVAS OPEN UNIVERSITY

May 2024 – March 2025

- 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.

React Native Developer

Mid-View Healthcare Ltd

Jan 2024 – July 2024

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.

React Native Developer

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

TRAINING / COURSES

Meta Frontend developer Meta Backend Developer

FIND ME ONLINE

LinkedIn www.linkedin.com/in/agwuezekiel

Frontend Developer

SIDEBRIEF Lagos, Nigeria

March 2023 - July 2024.

- 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.

Backend Developer

Cyberverdict

Nov 2023 - Jan 2023 Lagos, Nigeria

- 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.
- 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.

TRAINING / COURSES

Meta Frontend developer Meta Backend Developer

FIND ME ONLINE

LinkedIn www.linkedin.com/in/agwuezekiel