

Damilare Bakare

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Professional Summary

- Mobile developer with a master's degree in advanced computer science and 3+ years of experience building scalable/enterprise mobile applications using React Native, Expo, and Typescript.
- Spearheaded the development of RekapAI from the ground up with over 5k downloads, and a 4.90 rating on both Apple and Playstore

Technical Skills

Technologies: Typescript, Javascript, NodeJs. Expo, GraphQL, Git, Firebase, React Native, ReactJs, AWS.

UI Libraries: Gluestack UI, Native Base, Tamagui.

Testing & Tools: Jest, Detox, XCode, Android Studio, Git, Notion, VsCode.

Others: RESTful APIs, Continuous Integration and Deployment (CI & CD), Appcenter Codepush.

Work Experience

Mobile Engineer - React Native, Expo | MosaiQ Labs, United Kingdom Sept 2022 - Present

- Implemented Over-the-air (OTA) update using Expo Application Services (EAS) Update, enabling the seamless delivery of app updates directly to users' devices (iOS and Android). This drastically reduced the update deployment and bug fixes cycle by 80%.
- Integrated Sentry into the mobile app for real-time error tracking and performance analytics; identified and resolved bugs, enhancing app reliability and user satisfaction by 20%.
- Integrated Speechmatics API for advanced audio analysis, creating detailed transcripts and summaries; providing actionable insights, and reducing time spent on manual note-taking by 90%.
- Established an efficient CI/CD pipeline with GitHub Actions and AppCenter CodePush, accelerating release cycles by 35% and enhancing deployment reliability, leading to a 41% increase in user satisfaction.
- Developed and integrated an in-app payment system for both iOS and Android platforms using the Expo Stripe SDK, enabling seamless user subscription management and handling transactions totaling \$150k+ to date.
- Responsible for designing and implementing intricate and efficient app architectures using React Native, Typescript, and Jest, improving performance efficiency by 30% and reducing code complexity by 43%.
- Managed and mentored a team of 5 developers in creating scalable mobile applications, resulting in a 30% increase in application performance and a 20% reduction in bug rates.

Mobile Developer - React Native, Expo | GSP, Inc, United States (Remote) Sept 2021 - Aug 2022

- Spearheaded the implementation of a voice-based assessments feature in the superpower mobile App using ReactNative, ElevenLabs, and DeepGram APIs, enhancing user interaction for over 1000 users.
- Created a push notification system for users' deck revision using Firebase and expo notification, increasing user engagement by 60%.
- Coordinated with UX/UI designers to implement user-centric designs, leading to a 40% boost in user retention rates.

Education

Master of Science, Advanced Computer Science (Distinction), Hull, United Kingdom

University of Hull. Sept 2023

- Awards:** Best graduating master's student in advanced computer science; British Computer Society (BCS) for the best performance in the Master's program.

Bachelor of Science (Honours), Computer Science (4.45/5.0), Ile-Ife, Nigeria

Obafemi Awolowo University. Apr 2014 - Mar 2020

- Awards:** Graduated as the top student in the class with an 89% average; Beneficiary of MTN 2017/2018 Scholarship award.

Extracurricular Activities

Writeups

Writeups are available on Medium: [@drebakare](#). Recent articles are:

- [Enabling Background Recording on Android with Expo: The Missing Piece.](#)
- [“Building a recording app with expo-av: The missing part”.](#)
- [How To Write Reusable React Components.](#)

Talks:

- A keynote speaker at “Design Meets Tech 2024”;
- Speaker at UNICAF (2023) seminar on 'The Role and Impact of AI on the Job Market'.