Hamza Hmem

Senior Mobile Engineer

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Senior Mobile Engineer specializing in high-performance mobile applications. Enhanced app stability by implementing rigorous testing protocols, reducing release times by 30% through streamlined CI/CD processes. Mentored junior engineers, fostering a culture of excellence and collaboration. Proven expertise in React Native, performance monitoring, and user engagement strategies, driving significant improvements in app functionality.

PROFESSIONAL EXPERIENCE

Senior Mobile Team Lead
November 2024 – Present

MISPay

Oversaw mobile team to develop MISPay application from inception. Managed deployment to App and Play Stores, ensuring seamless launch. Designed native-like UI components with smooth animations while collaborating with QA for unit, integration, and E2E tests. Integrated Native SDK, Expo Modules, and various services as needed.

- Spearheaded deployment processes to enhance user reach.
- Enhanced UI components, achieving a more engaging user experience.
- Collaborated with QA to ensure robust testing and feature integration.
- Wrote clean, modular code to boost maintainability and scalability.

Senior Mobile Engineer
April 2023 – October 2024

TKYR

Oversee code quality and enforce best practices. Mentor team members and conduct performance evaluations. Act as primary liaison between mobile team and cross-functional departments. Develop unit and E2E tests to ensure app reliability. Implement CI/CD pipelines using GitHub Actions and CircleCI for Android and iOS beta releases. Monitor app performance and identify bottlenecks using React Native debugger and Flipper.

- Mentored junior engineers, enhancing team performance.
- Improved app stability through rigorous testing protocols.
- Streamlined CI/CD processes, reducing release times by 30%.
- Collaborated effectively with product management and design teams.

Mobile Developer (part time)
February 2022 – October 2024

NASA

Designed and built the Wiqaya project architecture. Collaborated with stakeholders to analyse requirements and ensure alignment. Managed deployment to App Store and Google Play Store using EAS. Monitored performance, implemented updates, and added new features as needed.

- Spearheaded application architecture design.
- Coordinated stakeholder requirements gathering.
- Oversaw successful app deployment processes.
- Enhanced app functionality through regular updates.

Mid-Senior React Native Developer
July 2021 – April 2023

DOOS - Instant Groceries

Oversee deployment to App/Play Stores. Collaborate with marketers to integrate Universal/App Links with AppsFlyer, enhancing user engagement. Conduct thorough performance monitoring to address excessive rendering and memory leaks.

- Spearheaded deployment process, ensuring timely releases.
- Integrated Universal/App Links, boosting user engagement metrics.
- Championed performance monitoring, reducing memory leaks significantly.

Junior Full Stack Engineer
August 2019 – July 2021
Wssel

Developed features for the food delivery application, collaborating with cross-functional teams to improve user experience.

- Built robust full-stack features for dynamic food delivery.
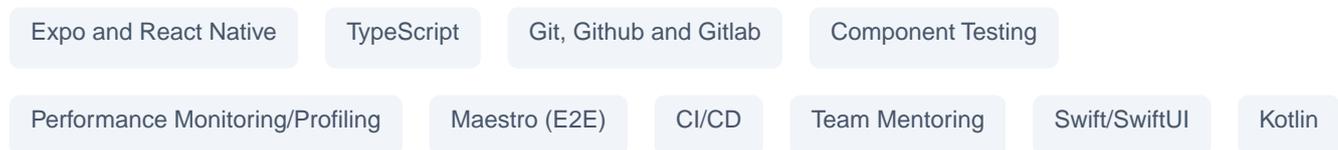- Optimized components for speed and maintainability.

Web Developer Trainee
March 2019 – June 2019
BEST WEB MOBILE

Developed the WSSEL food delivery customer application on the web platform utilizing React JS and a GraphQL client. Conducted manual testing to ensure quality assurance before deliverable sign-offs.

- Built responsive web interfaces using React JS.
- Integrated GraphQL for efficient data fetching.
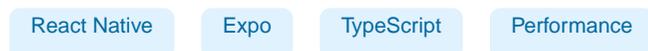- Performed rigorous manual testing for quality assurance.

CORE COMPETENCIES

Expo and React Native	TypeScript	Git, Github and Gitlab	Component Testing

Performance Monitoring/Profiling	Maestro (E2E)	CI/CD	Team Mentoring	Swift/SwiftUI	Kotlin

KEY PROJECTS

Athletika [Link]
Designed to help people become athletes by following coaches' instructions, eating well throughout the day, and building a good habit plan.

React Native	Expo	TypeScript	Performance

MISPay
Fintech buy now, pay later mobile application.

React Native	Expo	Native SDKs	Fintech

Wiqaya [Link]
Quranic education app teaching Arabic and non-Arabic speakers how to properly recite the Quran.

React Native	EAS	Architecture Design	Education

TKYR Customer App

Food delivery application providing a seamless ordering experience.

React Native   iOS   Android   Food Delivery

SHDH Logistic App [Link]

Logistics and tracking application developed for delivery captains.

React Native   Android   Logistics   Tracking

Sparow Rider App

Food delivery driver app helping drivers deliver orders in the fastest and easiest way.

React Native   Navigation   Real-time   Delivery

EDUCATION

Master's degree in Networking Security *In Progress*

Higher Institute of Computer Science (ISI)

Bachelor's degree *Graduated*

Higher Institute of Computer Science (ISI)