

ABDUL MOIED BABAR

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Authorized to work in the UK - No sponsorship required • Willing to relocate to London

PROFESSIONAL SUMMARY

Accomplished Senior Mobile Development Engineer with 8+ years of specialized expertise building high-performance React Native and native iOS applications across fintech, health-tech, and AI-powered platforms. Deep proficiency in React Native architecture, native module development (Swift, Java), and mobile app optimization for both iOS and Android. Proven track record contributing to apps that secured £50M+ in funding rounds, serving 500K+ users and elite clients including Real Madrid and Olympic athletes. Expert in integrating AI/ML features using Computer Vision APIs, implementing real-time data processing, and building complex mobile interfaces with excellent UX. Extensive experience with App Store and Google Play deployment, mobile CI/CD pipelines, and performance optimization. Specialized in regulated mobile environments including financial services and healthcare with secure authentication and data handling. I build mobile apps that users love and that scale to millions.

SKILLS

Languages: JavaScript, TypeScript, Python, Java

Frameworks & Libraries: React, React Native, Node.js, FastAPI, Flask, Django, Express.js, Next.js, Swift, SwiftUI, pandas, numpy

Databases: PostgreSQL, MongoDB, Redis, Supabase, Firebase, DynamoDB

Cloud: AWS, Azure, GCP

AI & Development Tools: LangChain, LangGraph, RAG (Retrieval-Augmented Generation), Google Computer Vision APIs, AI-assisted development (Claude Code, Cursor), Rapid MCP, Latitude, Gamma, OpenAI Playground, Docker, CI/CD, Git, Xcode, Android Studio, Figma

WORK HISTORY

Senior Software Engineer & Founding Engineer, 08/2023 - Current

Theo Health - London, London

- Architected and developed React Native mobile application for sports-tech platform from zero to launch, securing £1M+ funding and deploying to 6 professional athletes and Real Madrid women's team
- Built sophisticated real-time data visualization interfaces displaying biomechanical analysis with 104Hz sensor data from IoT devices, implementing efficient rendering and state management for smooth 60fps performance
- Engineered native module integrations for Bluetooth Low Energy communication with smart compression shorts, writing native Swift and Java code for optimal battery efficiency and connection stability

- Implemented comprehensive mobile analytics and crash reporting using Firebase, optimizing app performance and identifying user experience issues through A/B testing and user feedback

Mobile Engineer, 06/2022 - 02/2023

Hero - London, London

- Developed AI-powered React Native fitness app implementing Google Computer Vision APIs for smartphone-only VO2 Max assessment and workout form analysis with real-time pose detection
- Built advanced camera interface with custom video processing pipeline, implementing efficient frame extraction and AI model inference while maintaining smooth UI performance
- Optimized mobile app for low-end devices through code splitting, lazy loading, and efficient memory management, ensuring consistent experience across Android and iOS devices
- Successfully launched commercial app on App Store and Google Play during critical MVP phase securing £1M+ government funding, implementing App Store optimization and TestFlight beta testing

React Native Engineer, 08/2021 - 11/2021

Shares.io - London, London

- Built Europe's first social investing mobile app using React Native during MVP phase, contributing to platform securing \$40M Series A led by Valar Ventures (Peter Thiel's firm)
- Developed real-time stock trading interface with live market data for 1,500+ US stocks, implementing efficient WebSocket connections and optimized rendering for 60fps chart animations
- Implemented secure biometric authentication (Face ID, Touch ID) and certificate pinning for regulated financial services, ensuring compliance with security requirements
- Shipped MVP to App Store and Google Play across European markets within aggressive deadlines, contributing to rapid growth to 500K+ users and \$50M total funding

Mobile Application Developer, 02/2020 - 11/2020

Diaspora International Ltd - London, London

- Built digital payment mobile app using React Native with complex KYC flow integrating Sumsb and Shuftipro for identity verification, including document scanning and facial recognition
- Implemented secure payment processing with Marqeta integration, building intuitive UI for card management, transaction history, and real-time payment notifications
- Developed offline-first architecture using AsyncStorage and Redux Persist, ensuring app functionality during poor network conditions with automatic sync when online
- Successfully launched on App Store and Google Play across European markets with comprehensive localization and passing App Store review requirements

Consultant, 02/2023 - 07/2023

Synechron - London, London

- Developed React Native mobile app for healthcare ride-sharing platform using Xcode and Android Studio, implementing HIPAA-compliant secure data handling
- Built complex mobile interfaces using Figma designs, implementing custom animations and gesture handlers for intuitive patient transportation booking experience
- Integrated native mapping and geolocation features for real-time ride tracking, optimizing battery usage and implementing efficient background location updates

EDUCATION

Bachelor's degree: Software Engineering (Computer Science), 05/2022

University of Bedfordshire - Bedfordshire

CERTIFICATIONS AND LICENSES

- 5 Day Coding Challenge - Code Institute
- Front End Development Libraries - FreeCodeCamp
- 5 Day Coding Challenge - LeWagon
- Product Management Certification - Product School
- Bootcamp DataScience and AI - LeWagon