Poovarasan Sandhanam

Aberdeen, UK

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LinkedIn — GitHub

Open to relocation across the UK — Eligible to work in the UK

Professional Summary

Full Stack Mobile Developer with over 2 years of experience building scalable cross-platform apps using React Native, TypeScript, Firebase, and ExpressJs. Proficient in mobile UI/UX, real-time sync, REST API integration, cloud services, and deployment to app stores. Experienced with CI/CD pipelines, OTA updates, and Agile methodologies.

Technical Skills

Languages: JavaScript (ES6+), TypeScript
Mobile & Frontend: React Native, Expo, Native Modules, Next.js (basic)
State Management: Redux, React Query, Context API
Backend & APIs: Node.js, Express.js, Firebase, MongoDB, REST, GraphQL (basic)
Cloud & DevOps: AWS Amplify, S3, EC2, GitHub Actions, CodePush
Deployment: App Store, Play Store
Testing & Monitoring: Jest, Firebase Analytics
Tools: Git, Postman, JIRA, Trello
CS Foundations: Data Structures, Algorithms

Professional Experience

Full Stack Mobile Developer   MBF Digital Agency, India
2023 – 2024

- Developed React Native mobile apps using TypeScript and Firebase.

- Integrated CodePush for OTA updates; handled App Store and Play Store deployments.

- Implemented AWS Amplify and S3 for backend services and media file storage.

- Improved app performance by 25% using FlatList optimization and lazy loading.

- Set up CI/CD pipelines using GitHub Actions.

- Worked in Agile teams to deliver features with consistent sprint velocity.

Mobile App Associate Developer   Siam Computing, India
2022 – 2023

- Built cross-platform apps with Firebase Auth, Firestore, and custom UI components.

- Created RESTful APIs using Node.js and Express.js.

- Wrote unit tests with Jest; contributed to CI pipelines and Agile ceremonies.

Key Projects

Barkle (UK) – Fitness Challenge App
React Native, Redux, Firebase, REST API, CodePush, Native Modules

- Integrated FCM push notifications and multiple authentication methods.

- Used CodePush for OTA updates and native bridging for platform-specific features.

- Built scalable Redux architecture and real-time sync via Firebase.

NWS (India) – Diet & Fitness Planner
React Native, Redux, Firebase, REST API, CodePush

- Built gamified fitness planner; improved user retention by 15%.

- Created deep linking and dynamic content delivery with secure login.

- Applied CodePush for continuous OTA updates.

Healthcare App (Freelance)
React Native, Firebase, Agora, Stripe, Express.js, MongoDB, OAuth

- Developed live video consultations and real-time chat modules.

- Integrated Stripe for secure in-app payments and OAuth login.

- Built backend services for users and scheduling using Express.js and MongoDB.

Job Portal App (Freelance)
React Native (Expo), Firebase, Native Modules, Push Notifications

- Designed recruiter dashboard with secure messaging and resume uploads.

- Implemented push notifications and calendar integrations via native modules.

Education

MSc Computing   University of Northampton, UK
2025