Francies Fernandes, Senior Mobile / Frontend Engineer

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LINKS

LinkedIn, GitHub

PROFILE

Senior Mobile / Frontend Engineer specialising in **React, React Native and Expo**, with proven experience owning and delivering complex production mobile applications end-to-end. Sole frontend engineer for a large-scale retail domain and author of a standalone retail app, with strong focus on **architecture, performance optimisation, analytics, accessibility, and reliability.** Experienced in shipping, monitoring, and iterating on high-impact features in regulated, data-driven environments.

EMPLOYMENT HISTORY

June 2025 - Present

React Native Developer, Stadion Ltd

- Owned the Retail domain as the sole frontend engineer for a large-scale React Native application, responsible for architecture, development, testing, and production delivery
- Maintained and extended a shared frontend monorepo containing business logic, UI components, and reusable hooks consumed by multiple applications
- Designed, built, and shipped a standalone Retail mobile app from the ground up using React Native and Expo
- Defined frontend architecture and performance strategy, delivering complex, high-performance UI using Reanimated v4, Gesture Handler, Skia, and FlashList
- Implemented scalable state management and data-fetching using Zustand and TanStack React Query, including persistence and offline support
- Integrated personalisation and search features using Dynamic Yield and Algolia to support tailored retail experiences
- Integrated analytics, crash reporting, and monitoring (Firebase Analytics, Crashlytics, Sentry) to improve production stability and product insight
- Established and enforced code quality standards using TypeScript, Jest, ESLint, Prettier, and CI-ready workflows
- Owned frontend delivery across releases and post-release production support

Jan 2025 - June 2025

Frontend Developer, Energize Me UK Limited (Freelance)

- Developed a fitness-focused mobile application using React Native, owning frontend delivery for a greenfield product
- Delivered approximately 35% of the frontend roadmap, laying the foundation for conversational AI, calendar integration, and real-time health tracking
- Integrated Apple Watch health data, cross-platform support with Expo, and voice features using text-to-speech and speech-to-text APIs
- Designed scalable frontend architecture by breaking down complex AI-driven workflows into modular, maintainable components
- Reduced code duplication by ~25% through reusable component design, improving maintainability and delivery speed
- Worked closely with non-technical stakeholders to translate ambiguous requirements into clear, user-focused solutions

Dec 2023 - Oct 2024

React Native Developer, InfoPlus (Wipro – Aviva)   London

- Developed and maintained front-end components for the MyAviva App, supporting a large, customer-facing production platform
- Collaborated with cross-functional teams to deliver scalable, maintainable, and high-quality code under deadlines.
- Implemented WCAG 2.1 accessibility standards, ensuring inclusivity for users with disabilities.
- Employed Test-Driven Development (TDD) to enhance code reliability and minimize defects.
- Reduced technical debt and streamlined development cycles through code refactoring and eliminating duplicates.
- Ensured code quality and reliability through comprehensive unit testing using Jest and React Testing Library.
- Integrated Adobe Analytics and Qualtrics to facilitate data-driven enhancements and improve user experience.

May 2022 - May 2023	**Front End Developer, Hamilton Capital Holding Limited**	London

- Developed and maintained dynamic components for the exchange platform using React.js, React Native and Next.js
- Implemented and managed tracking solutions using Google Tag Manager (GTM) and analyzing user behavior with Google Analytics 4 (GA4).
- Collaborated with UX/UI and backend teams to ensure a seamless and engaging user experience using Axios.
- Enhanced code reliability and development speed by implementing unit tests using Jest and React Testing Library.
- Implemented TypeScript to enhance code quality, maintainability, and reduce potential runtime errors.
- Optimized the platform's performance and stability through proactive issue resolution and troubleshooting.

Oct 2019 - Feb 2022	**Software Engineer, Skyelint Technologies**	Mumbai

- Designed and developed web applications in React.js and mobile applications using React Native
- Built responsive and accessible user interfaces using Bootstrap, Ant Design, and Material UI
- Delivered high-performance static websites using Gatsby, GraphQL, and Sanity
- Engineered solutions to handle real-time data updates across web and mobile platforms
- Implemented analytics and tracking using Google Tag Manager and Google Analytics 4 (GA4)
- Delivered multiple projects end-to-end under tight deadlines with a strong focus on quality

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SKILLS

Frontend & Mobile
- React, React Native, Expo, Next.js
- TypeScript, JavaScript
- React Native Reanimated, Gesture Handler, FlashList
- Design Systems (Shopify Restyle , NativeWind, Tamagui)
- WCAG Accessibility Compliance

State, Data & APIs
- TanStack React Query, Zustand, Redux toolkit
- MMKV, AsyncStorage, LegendApp
- GraphQL, REST APIs
- MongoDB, MySQL
- OpenAPI / Swagger (Type-safe API client generation)
- Algolia

Mobile Platform & Integrations
- Push Notifications (Expo Notifications, FCM/APNs, Airship)
- Expo Router, Expo Updates, EAS
- In-App Purchases, Payments
- Deep Linking

Backend & Realtime
- Node.js, Express.js
- WebSockets, SignalR

Testing & Quality
- Jest, React Testing Library, Cypress
- CI/CD (Azure, AWS, Git Actions)
- Git, GitHub

Analytics, Personalisation & Monitoring
- Firebase Analytics, Crashlytics
- AppsFlyer
- Dynamic Yield
- Medallia MXO
- OneTrust CMP
- GTM, GA4, Adobe Analytics, Qualtrics
- Sentry

CMS & Content
- Contentful, Sanity, Strapi

EDUCATION

June 2016 - May 2019	Bachelor of Science in Information Technology, Valia College of Arts, Commerce and Science	Mumbai