

MOSES ESAN

MOBILE AND FULL STACK SOFTWARE ENGINEER

Barcelona, Spain

+34 662 565 568, +353 834800091

E-mail: mosesesan@hotmail.com | Website: mosesesan.com

GitHub: github.com/MosesEsan | LinkedIn: linkedin.com/in/moses-esan

Profile

Mobile and full-stack software engineer with 10+ years of experience designing, building and shipping production web and mobile products end to end. Specialises in React Native, TypeScript, React and Python, with hands-on experience across product architecture, offline-first data, APIs, testing, CI/CD and App Store releases. Founder and product engineer behind AthleteOS and SwapLibro.

Technical Skills

Mobile: React Native, TypeScript, React Navigation, SQLite, TanStack Query

Frontend: React, JavaScript, HTML, CSS, Storybook

Backend and data: Supabase, Python, Django, Flask, Node.js, Express, PostgreSQL, REST APIs

Quality and delivery: Jest, Pytest, Unittest, Fastlane, Sentry, CircleCI, GitHub Actions

Mobile: React Native, TypeScript, React Navigation, SQLite, TanStack Query

Professional Experience

Mobile Software Engineer

May 2025 – Present

Workvivo (Zoom) – Ireland

Employee experience platform for internal communication, engagement and workplace collaboration.

- Develop and maintain reusable React Native features for iOS and Android, integrating REST APIs and real-time services across the platform.
- Collaborate with product, design, backend and QA teams across Agile delivery, CI/CD and App Store/Google Play releases.

Software Engineer II

May 2022 – Jan 2025

FieldAware by GPS Insight – Dublin 8, Ireland

Field service software for technician scheduling, job management and operations.

- Developed field service management features using Python, Flask, React and Storybook, supporting technician and operational workflows.
- Expanded automated coverage with Pytest and Unittest and maintained CircleCI pipelines for testing and deployment.
- Contributed to an authentication service redesign integrating FusionAuth for identity and user management.

Software Developer

Feb 2018 – April 2022

RTÉ – Donnybrook, Dublin 4, Ireland

Ireland's national public service broadcaster delivering television, radio, and digital media services.

- Developed high-availability Django and React applications for large-scale digital media services, improving frontend performance, usability and maintainability while contributing to code reviews.
- Built a real-time AngularJS analytics dashboard that helped editorial teams monitor audience and content performance.
- Led the redesign of RTÉ's main website and delivered its radio website, contributing across frontend development, architecture and code reviews.

Product Engineering Projects

AthleteOS

Founder / Product Engineer | 2026 – Present

App Store: [AthleteOS on the App Store](#) | Google Play: [AthleteOS on Google Play](#)

Built and shipped an offline-first fitness app for workout tracking, training planning, recovery and progression analysis.

- Designed a SQLite-based architecture for reliable workout logging, templates, session history and analytics without a network connection.
- Built progression trends, personal-record histories and muscle analytics to help users review training performance and consistency.
- Implemented Supabase cloud synchronisation and backup flows, plus RevenueCat subscriptions and premium feature access.
- Automated App Store delivery with Fastlane and integrated Sentry for production monitoring.

Stack: React Native, TypeScript, SQLite, TanStack Query, Supabase, RevenueCat, Fastlane, Sentry

SwapLibro

Independent Product Engineering | Mesan Digital Ventures | 2025 – Present

Developed a mobile marketplace for local book exchanges, with city-based discovery and credit-backed swap workflows.

- Built book listing and discovery flows with ISBN barcode scanning and metadata lookup using Google Books, Open Library and a server-side cache.
- Implemented swap request and handoff workflows, including credit reservation, request management and collection scheduling.
- Developed wanted-book matching and curated featured shelves, backed by Supabase database functions and row-level access policies.
- Integrated reusable authentication, catalog, notification and payment modules within a React Native and TypeScript application.

Stack: React Native, TypeScript, Supabase, PostgreSQL, TanStack Query, MMKV, React Navigation

Earlier Work Experience

Freelance Developer

Apr 2017 – Oct 2017

Independent | React Native and Laravel

Built Bean Lite Fitness, a cross-platform React Native app, and published developer tutorials on React Native and Laravel.

Full-Stack Developer

Nov 2015 – Dec 2016

DBOX | New York, USA

Developed websites and mobile applications using PHP, JavaScript, Laravel, and React Native.

Mobile Software Developer

Apr 2015 – Sep 2015

Inflight Dublin – Dublin, Ireland

Developed inflight entertainment applications using Ionic, Cordova, AngularJS, HTML, and CSS.

Education

Bachelor of Science (Hons.) in Computer Science

Dublin Institute of Technology | Dublin, Ireland | 2014