

SUMMARY

Full Stack TypeScript Engineer specializing in scalable systems, real-time data, and cross-platform applications. Frontend specialist turned end-to-end engineer (2012–present) on apps, mobile experiences, and data-intensive platforms.

EXPERIENCE

Engineer

Balena

2020 — Present

Working on an IoT platform focused on container-based deployment and fleet management at scale. Containerized workloads (Docker), device fleet orchestration, deployment tooling, Electron-based desktop tooling for IoT management.

Consultant / Tech Lead

Liknme

2017 — 2020

Led and delivered multiple projects across domains, often defining initial architecture and technical direction. Citizen services platforms, tax and operational systems, internal enterprise tools, first mobile projects (Ionic/Cordova).

Full Stack Developer

Reputation Manager

2015 — 2017

Worked on a platform aggregating large volumes of social data to generate sentiment and reputation insights. Data ingestion from multiple external APIs, real-time analytics dashboards, high-volume data processing in browser.

Frontend Developer

FWR / Snappin

2012 — 2015

Co-built a digital signage product using Raspberry Pi devices and a custom CMS platform. UI architecture for embedded displays, device-to-server communication, CMS tooling for non-technical users.

SKILLS

Frontend

JavaScript/TypeScript • React/Next.js • Angular/RxJS • Vue/Nuxt • Design Systems • Performance Optimization

Mobile

React Native • Ionic/Capacitor • Mobile Architecture • Biometric Auth • Offline-First • App Store Deployment

Cross-Platform

Electron • Tauri (Rust) • Native Integrations • Shared Architecture • Desktop Tooling • System Tray & IPC

Backend

Node.js/REST APIs • Event-Driven Patterns • Queue-Based Systems • API Design • Auth Patterns (OAuth/JWT) • Webhooks & Integrations

Data Systems

PostgreSQL/MySQL • MongoDB • Streaming Ingestion • Real-time Pipelines • IndexedDB • WebSockets/SSE