

# Simon Flack

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**Currently available for contract work** — remote, UK/EU/US-friendly hours.

Senior product engineer with 20+ years of experience shipping web, mobile, and backend systems across healthcare, travel, transport, finance, and media. I do my best work in small teams and founder-led environments where technical judgment, product sense, and independent ownership matter. A lot of my recent work is rescue and finish-line engineering: taking over unstable or incomplete products, clarifying risk, stabilizing critical flows, and shipping fixed-scope phases.

## Skills

TypeScript

React

Next.js

Node.js

Supabase

Postgres

MongoDB

Stripe

Capacitor

Playwright

GitHub Actions

Docker

## Experience

### Senior Product Engineer / Technical Owner

[CampGenie](#) • 2026 - Present

Took over a founder-led summer camp marketplace after an agency-built product was too unstable to confidently launch. Ran a paid discovery phase, then delivered fixed-scope stabilization and product phases directly with the founder: onboarding, search, booking, Stripe payments, security hardening, Playwright E2E coverage, analytics, and admin tooling — all under a tight seasonal launch window.

TypeScript

React

Next.js

Supabase

Postgres

Stripe

Playwright

PostHog

GitHub Actions

### Senior JavaScript Developer

[Iconico](#) • 2025 - 2026

Bespoke CRM and itinerary/operations platform for a luxury travel business. Architected an end-to-end KPI analytics platform across 25+ releases and 40+ metrics, cut database round-trips by up to 50x on snapshot generation, and built multi-currency finance workflows — 50+ PRs merged into a difficult inherited codebase.

TypeScript

Next.js

React

Node.js

MongoDB

Azure

Docker

GitHub Actions

## Founder / Engineer

SubScout • 2024 - 2025

Designed and built a privacy-first subscription tracker as an independent product exploration: local-first/offline-friendly architecture with sync, a Postgres-based ingestion pipeline to classify recurring payments, and LLM-generated subscription insights. Deployed on Supabase and Cloudflare with GitHub Actions CI/CD.

TypeScript React Next.js Supabase Postgres Powersync Cloudflare OpenAI API  
GitHub Actions

## Senior Engineer, Web & Mobile

Arena Labs • 2021 - 2024

Led frontend and mobile work on Arena Strive, a cross-platform healthcare app supporting clinician wellbeing in high-pressure hospital environments. Delivered React/Next.js + Capacitor apps for web, iOS, and Android; rescued a high-risk Bluetooth biometric integration; introduced Sentry Replay and Capgo OTA releases; mentored junior engineers and QA.

TypeScript React Next.js Capacitor Swift Java Python Django XState Postgres  
Sentry Capgo Playwright GitHub Actions

## Senior Engineer, Web

OnTrack Retail • 2015 - 2021

High-volume rail ticketing and compensation systems for UK train operators. Built and maintained white-label ticketing flows used by five UK operators processing £500k+ in daily transactions, and proposed and built a MongoDB-backed Darwin timetable service that took train lookups from 3-10 seconds to sub-second, unblocking the Delay Repay v2 launch.

TypeScript React Next.js Node.js Express MongoDB Redis AWS Docker Webpack  
XState GitHub Actions

## Senior Front-end Engineer

IG Group • 2014 - 2015

Built tools for filtering and exploring global market data, worked with native app teams to resolve embedded WebView issues, and ran internal developer meetups.

JavaScript HTML CSS SVG Node.js

## Software Engineer

BBC • 2002 - 2014

Built media processing tools, publishing pipelines, and editorial systems across BBC Digital — including backend tooling and live scheduling interfaces for the BBC Olympics 2012 livestream operation, and archive/classification systems such as WW2 archive tooling and Domesday Project data restoration.

Perl JavaScript HTML CSS XML Oracle SQL