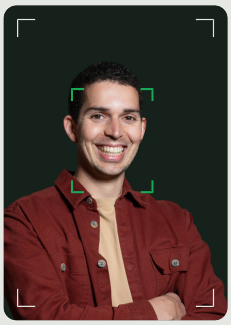
JM



Jérémy Magrin

Freelance Senior React Native Developer · Expo · iOS & Android

11 years across mobile and web · CTO as a service

Missions for Mistral AI, Betclic Group, Twenty and MWM

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Paris, France · fully remote

Day rate €800/day excl. VAT

Performance audit, 5 days, €4,000 excl. VAT. Day 1 at €800 excl. VAT, written verdict, you can stop there.

11 years	80+	5.0 / 5	1M+
of experience	missions delivered	freelance rating	downloads of my apps

Profile

I help startups and scale-ups design, build and grow their iOS and Android apps. React Native, which I have used since it shipped in 2015, Expo, React.js and TypeScript are my daily tools, from MVP to store release, all the way to fine-grained performance work and team structuring. AI is part of how I write code; the architecture, the decisions and what reaches production are mine to answer for. If I become unavailable or the project needs more people, a senior from useffect, the collective I co-founded, takes over.

Services

- Build your mobile app from scratch, from MVP to the App Store and Google Play.
- Audit and take over an app whose code was AI-generated: architecture, tests, security, so your team can keep building on it.
- Migrate your native iOS and Android app to React Native or Expo.
- Train your teams and guide your move to React Native, which I have been teaching since 2015.
- Take over, audit and stabilise an existing React Native app: performance, architecture, technical debt.
- Put guardrails on how your mobile team uses AI: written rules, AGENTS.md files, sub-agent breakdown, tests, so the codebase stays maintainable.
- Build your SDKs and native modules (Swift, Kotlin, Expo Modules) wired into React Native.
- CTO as a service: architecture, technical decisions, hiring, team structure.

Tech stack

Mobile	React Native · Expo · EAS · TypeScript · Expo Modules · Expo Router · React Navigation · Legend List
Web	React.js · Next.js · TanStack Query · Jotai · Legend State · Zustand · Redux Toolkit · Solito
Back-end	Nest.js · Prisma · PostgreSQL · Node.js · GraphQL · TypeORM · Drizzle · Supabase · Firebase
Native	Swift · Kotlin · Native modules · iOS & Android SDKs · Objective-C
Quality & delivery	CI/CD · GitHub Actions · Bun · Agile · TDD · Jest · Fastlane · RN Testing Library · Maestro · Argent

Recent missions

MWM — Software publishing

May 2026 → present

React Native developer | Paris

Design and build from scratch an Expo native module unifying MWM's Publishing and Advertising SDKs, making them available cross-platform for their clients.

- Native module built on the Expo Modules API, exposing the full surface of the native iOS and Android SDKs in TypeScript.
- A single abstraction layer on the React Native side for both the Publishing and Advertising SDKs, with identical behaviour guaranteed on either platform.
- Drop-in integration in any Expo app thanks to the config plugins I wrote, which generate the native files and patch Info.plist automatically.

React Native · Expo Modules · Swift · Kotlin · TypeScript · SDK

Odisei Music — Music / E-commerce

May 2026 → present

React Native developer · Performance specialist | Bordeaux

Brought in as a React Native expert to optimise the mobile app's performance, with Android as the priority.

- Screen-level optimisation: removed a 40 to 50% frame rate drop, reaching a steady 120 fps with no stutter.
- Tab navigation: fully eliminated the switch freeze that cost up to 30% of the frame rate.
- Rebuilt the lists on Legend List: fast scrolling stays smooth and screen load times dropped sharply.
- CPU usage down 40% and memory footprint down 20%, alongside an atomic redesign of the component tree.

React Native · Expo · Performance · Android · Legend List · TypeScript

Epsor `Banking & insurance`

Aug 2025 → May 2026

React Native developer | Paris

Design and roll out a web and mobile monorepo architecture, where the mobile app lived outside the existing monorepo and forced a package release for every shared change.

- Full monorepo architecture with Turborepo and pnpm workspaces, finally bringing the mobile app alongside the web app and shared modules.
- Removed the package release cycle that was blocking day-to-day mobile development.
- Designed a release process with the team, tailored to the monorepo and built to stay simple to operate.
- Shared design system across web and mobile through React Native Web, pooling components, business logic, types and tooling.
- Next.js web app with unified cross-platform navigation via Solito.
- Supported the team's move to agentic tooling: structuring the AGENTS.md files, splitting work across sub-agents, defining the rules and picking the right skills.

React Native · Expo · Next.js · Turborepo · pnpm · React Native Web · Solito · TypeScript · AI agents

Mistral AI `High Tech / AI · French unicorn`

Mar 2025 → Aug 2025

Mobile developer · React Native, iOS & Android | Paris

Grow the Le Chat mobile app with new flows and new native capabilities.

- Shipped new designs across the app, notably the full onboarding flow.
- Built several Swift and Kotlin native modules unlocking new in-app capabilities.
- Native file preview on iOS through Quick Look, wired into React Native.

React Native · Expo · Swift · Kotlin · iOS · Android

Twenty `Software publishing / Open source`

Jun 2023 → Mar 2025

Back-end and front-end developer · Nest.js, React.js | Paris

Build the back-end foundations of Twenty, the open-source CRM positioned as a modern, scalable alternative to Salesforce, with performance as a hard requirement.

- Designed a multi-tenant GraphQL layer generating a dedicated schema on the fly for each organisation from its company token, where GraphQL is static by nature.
- Every tenant gets its own schema, introspectable like a regular API and updated automatically: any developer can plug a dedicated front-end onto their own CRM.
- Ongoing work on platform performance and scalability, plus front-end contributions in React.js.

↗ github.com/twentyhq/twenty

Nest.js · GraphQL · TypeScript · TypeORM · React.js · Multi-tenant

Snoop Media `Social networks`

Jan 2022 → Jun 2023

Fractional CTO · React Native, Nest.js | Paris

Lay the full technical and organisational foundations of Snoop, a social network for film and series recommendations, as fractional CTO.

- Defined the complete architecture and technology choices, from the back-end to the mobile apps.
- Managed a team of five, ran technical hiring and structured the team.
- Built the iOS and Android apps in React Native and the back-end in Nest.js.

CTO · React Native · Expo · Nest.js · Management · iOS · Android

What clients say

Rated 5.0 out of 5 on freelance platforms

> "Parfait en tous points ! Jérémy a un excellent niveau technique, un souci du détail particulier, s'est très rapidement investi dans le projet, et a été très apprécié de toute l'équipe.
>
> **Félix** · Twenty

> "À l'aide de ses compétences en React Native, Jérémy nous a permis de faire un saut qualitatif dans la qualité du code de notre application mobile. Il connaît le framework y compris ses parties immergées, et sait faire preuve de pédagogie pour former ses pairs.
>
> **Lancelot Blondeel** · CTO

> "Jérémy was very professional and autonomous. He really tried to understand the needs and pays a lot of attention to details. The work was delivered on time and exceeding expectations.
>
> **Zhou** · Axens

Other freelance missions

Betclic Group — Jul 2021 → Dec 2021
React Native developer
Built and launched Betclic TV, an international mobile app rolled out in Portugal and Poland: sports news, live scores and match streaming.
React Native · iOS · Android

Cajoo — Jan 2021 → Jun 2021
React Native, Nest.js developer
Strengthened the Cajoo delivery app, since acquired by Flink: in-app payment and new features.
React Native · Nest.js

Mon Spécialiste Auto — Jan 2020 → Dec 2020
React Native developer
Full offline-first rewrite of the mobile app, fully usable with no connection, to make field vehicle inspections reliable. Trained the mobile developers.
React Native · Offline-first

Cooknet (Cookomix) Jan 2019 → Dec 2020
React Native developer
Built and continuously grew Cookomix, a high-traffic recipe app used by more than 300,000 people every month.
React Native · High traffic · iOS · Android

EDF Store & Forecast Sep 2019 → Dec 2019
React.js developer
Statistical analytics dashboard for end clients, making consumption data easier to read and track.
React.js · Redux Toolkit · Firebase

Luni Jun 2019 → Dec 2019
React Native developer
Mobile apps for the Luni studio: group features on the Calendrier app in Swift and ReactiveSwift, then the Omada app in React Native.
React Native · Swift

Nelio Mar 2019 → Jun 2019
React Native developer
Optimised and extended the Nelio fresh-produce delivery app, on both performance and user experience.
React Native

mon-marché.fr Jul 2018 → Mar 2019
React Native developer
Built a white-label mobile app from scratch for home delivery of fresh produce. Clean, scalable architecture and fast MVP delivery.
React Native · Architecture

Zest Sep 2018 → Nov 2018
React Native developer
Supported ZestMeUp: trained the teams on clean React Native development and set up a solid technical base.
React Native · Training

BeJoe Feb 2016 → Aug 2018
Mobile lead · React Native
Led the mobile side of BeJoe, a recommendations social network: technical foundations laid from day one of the company, mobile team management, iOS and Android apps.
React Native · Management · iOS · Android

Before going freelance (2012 → 2016)

iOS developer in Swift and Objective-C on Timi, a business management platform, fully autonomous on the mobile side · Full-stack and mobile developer at Tack (BuzzVillage) in Node.js and Cordova · Django web developer for Les Libraires, turning a brochure site into an e-commerce store · Software developer at Thales Avionics in C and C++, on an automated verification tool for embedded widget libraries · Software developer at Thales Raytheon Systems in Java, C and C++, on the full migration of the SkyView programme.

Open source and community

Open source is a real part of how I work: I publish my own libraries and I contribute regularly to third-party projects, maintaining them, patching them and pushing fixes through.

@magrinj/expo-quick-look
↗ magrinj/expo-quick-look
Expo native module for file preview: Quick Look on iOS, Intent chooser on Android. 100+ formats, native rendering rather than a WebView, authenticated remote downloads, iOS markup and multi-file navigation.
Expo Modules · Swift · Kotlin · TypeScript · Bun · published on npm

hermes-intl
↗ magrinj/hermes-intl
Native Intl.PluralRules, RelativeTimeFormat, ListFormat and Locale for React Native's Hermes engine. Rust and ICU4X under the hood, the same output on iOS and Android, a drop-in replacement for the FormatJS polyfills.
React Native · Rust · ICU4X · published on npm

expo-screen-time
↗ magrinj/expo-screen-time
The Screen Time API for React Native and Expo: block apps, run schedules, draw custom shields and render usage reports on iOS and Android, from one TypeScript API. Written with Armand Petit.
Expo Modules · Swift · Kotlin · TypeScript

react-native-app-store-review
↗ magrinj/react-native-app-store-review
Ask for an App Store rating at the right moment, from a React Native app.
React Native · iOS

@magrinj/parse-ingredients
↗ magrinj/parse-ingredients
Multilingual recipe ingredient parser. Quantities, fractions and units parsed then aggregated, six languages supported, zero runtime dependencies.
TypeScript · Bun · published on npm

I am a regular on the React Native conference circuit: App.js Conf in Kraków, and React Native Connection in Paris next.

Education

Computer engineering degree · Master level 1
Epitech, European Institute of Technology · 2011 → 2016

Computer Science · one-year exchange programme
California State University San Marcos · 2014 → 2015

Languages and international

French: native
English: full professional proficiency

International: Two years in Canada from 2020 to 2022 on a working holiday permit, fully remote for French and international clients.

JM

Let's bring your app into focus

Thirty minutes over video, free, and a reply within the hour. You leave with an honest opinion, whether we work together or not.

Book 30 minutes: magrin.fr/en/book
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