

Brian Hirth

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React Native developer with over 9 years of experience building mobile apps that are fast, functional, and user-friendly

Professional Experience

Lead Mobile Software Engineer

SPORTYMA

2023 - 2025

Strasbourg, France

- Modernized tech stack and dependencies, leading the upgrade of React Native from legacy versions to the latest, and introducing modern state management with Zustand to improve maintainability and scalability
- Designed and implemented a comprehensive end-to-end testing framework using Detox, covering critical user journeys such as authentication, event management, and social features. Integrated seamlessly with CI/CD pipelines using Bitrise and Bitbucket Pipelines for continuous delivery and reliability
- Delivered advanced features including real-time messaging, dynamic calendar and agenda management, media handling (image/video capture and processing), push notifications, and rich social networking functionalities
- Enhanced app performance through techniques like strategic code splitting, lazy loading, and optimized state/data management using React Query, memo, useCallback

Lead Mobile Software Engineer

PERLEGO

2019 - 2023

London, UK

- Spearheaded the launch of the app on the app stores, then leading the team in releasing new features and updates over the years
- Refactored and migrated the codebase to modern React standards, including styled-components, TypeScript, and hooks
- Played a key role in releasing the ePub and PDF reader, continuously enhancing user-requested features
- Ensured the app's reliability by maintaining updated dependencies, upgrading React Native, achieving 85% test coverage, and optimizing the CI/CD pipeline
- Independently developed and released a book ISBN scanner feature for the app. Additionally, provided user support and addressed reported issues to enhance user experience

Full Stack Developer

FRENCHFOUNDERS

2016 - 2019

New York, USA

- Managed the maintenance and enhancement of the company's web platform built in Symfony, introducing new modules and design updates to improve functionality and user experience
- Migrated email templates to MJML, training the marketing team to leverage the framework for more effective campaigns
- Contributed to the iOS app development in Objective-C before transitioning the company app to React Native, streamlining the codebase for better efficiency

Education

Master in Computer Science

EPITECH

2011 - 2016

Strasbourg, France

- Master's in Computer Science: Developed corporate-focused software solutions in a fast-paced, project-based environment
- Technical Rigor: Applied strict coding standards and met tight deadlines using version control
- Collaboration: Excelled in both team-based development and self-directed technical learning

Projects & Associations

Volunteer Mobile Developer

CHOUPIOU

Since 2025

France

Developed a mobile app enabling neonatal nurses to securely share photos and videos with parents.

Personal Project

RECETTA

Since 2025

France

Developed a recipe manager in React Native. Features include a custom recipe creator and an automated web-import tool to centralize cooking inspiration in one place. Available on the App Store and Google Play Store.

Skills

Languages French | English

Programming Javascript | TypeScript | Python

Frameworks React Native | React | Expo | React Navigation | Zustand | Sentry | Detox | Firebase | Docker

Personal Interests Rock Climbing | Cinema | Video Games | Coffee