

# 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

CHOUPIDOU

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