Thom Ritterfeld, MSc

Senior Freelance Mobile App Developer

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PROFILE

Mobile engineer building and modernising iOS, Android and cross-platform applications for clients across Europe. Experience spans React Native, native iOS and C#/.NET, from connected-device integrations to business platforms and consumer apps.

CORE TECHNOLOGIES

React Native · TypeScript / JavaScript · Swift / SwiftUI · Objective-C · iOS · Android
C# / .NET · Xamarin · .NET MAUI · native bridges · Bluetooth / BLE · Wi-Fi · ASP.NET
CI/CD · UI-Testing · Worldwide deployments (China) · OAuth / SSO / Intune · SDK integration

CLIENT WORK

Flender — React Native Engineer

Modernised a React Native app with architecture changes, JavaScript-to-TypeScript migration and improved Bluetooth connectivity across native iOS and Android code.

Louwman — Freddi — React Native Engineer

Developed the Freddi mobility app with React Native and native mobile integrations.

Reisbalans — React Native Engineer

Built a business mobility app for travel and expense processing using React Native; added UI tests and set up Bitrise CI.

Kermi — .NET MAUI Engineer

Developed a consumer heat-pump control app in C# and contributed to the Xamarin-to-MAUI migration, including new statistics and app workflows.

VHS — iOS Engineer

Extended an education platform with new app targets and features in a mixed Swift and Objective-C codebase.

DigiOnline — React Native Engineer

Built the Windows variant of a digital learning platform using C#, TypeScript and React Native Windows.

TRUMPF — Mobile Engineer

Extended an industrial ServiceApp with Xamarin Forms and MAUI work, including push notifications and OAuth / SSO.

Dörner — Mobile Engineer

Maintained a Xamarin app and helped move it from ad hoc to enterprise distribution, with client/server and UI changes.

OASE — Mobile Engineer

Built a Xamarin/C# iOS and Android app for connected devices, integrating hardware over Bluetooth and Wi-Fi.

CLIENT WORK



Insight / Microsoft — React Native Engineer
Developed a React Native app for iOS and Android with SharePoint integration and mixed native and web content.



ARAG — iOS Engineer
Extended an internal Objective-C iOS app for customer consultations and contract completion.



Deutsche Bank — iOS Engineer
Built Swift features for the banking app, including trading and eSafe document functions.

Reware — Mobile Engineer
Built a Xamarin/C# iOS and Android app for daily care documentation.

EARLIER MOBILE WORK



Jinn — iOS Engineer
Developed customer and courier iOS apps, covering implementation, UX and design.



ITSonix / BeatClip — Mobile Engineer
Worked on the mobile app and backend, using Xamarin, Java and Objective-C.

SELECTED PERSONAL APPS

Rittiers SwiftUI app for navigating GPX activities.

Baby Banner SwiftUI app displaying a baby's age in months.

HeartFan watchOS app controlling HomeKit accessories with heart rate.

Plastic Bingo Playful litter-picking app for iOS (SwiftUI) and Android (Jetpack Compose).

EDUCATION

MSc Computer Science · University of Twente · 2014–2016

BSc Information Technology · HAN University of Applied Sciences · 2009–2013

Applied App Development semester · Aarhus School of Engineering · 2012–2013

LANGUAGES

English · Dutch · German

EXPERIENCE

Ritterfeld — Freelance App Developer · 2016–present

Jinn — Lead iOS Developer · 2015–2016

ITSonix AG — App Developer · 2014–2015

tekstwerk.com — Developer · 2013–2014

Peperzaken — Android Development Intern · 2013

tekstwerk.com — Software Development Intern · 2012

Avisis — iPad Development Intern · 2010–2011