

Rodrigo Scroferneker Franzoi

SOFTWARE ENGINEER

Esch-sur-Alzette, Luxembourg

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Skills

Languages	Portuguese (Native), English (Fluent), French (Beginner)
iOS Development	Swift, UIKit, SwiftUI, PushKit, CallKit, ReactiveSwift, MapKit, CoreBluetooth
Cross-Platform Development	React Native, JavaScript, TypeScript, Monorepo Architecture, Native Modules
Tools & Frameworks	Firebase, Google Analytics, CocoaPods, GitHub Actions, Bitrise, UrbanAirship
Programming Languages	C# (Xamarin.Forms), Python (Scripting)

Work Experience

Pictet-Technologies

Esch-sur-Alzette, Luxembourg

SENIOR iOS ENGINEER

Oct. 2023 - PRESENT

- Pioneered iOS development at the company as the first iOS engineer, mentoring colleagues on Swift and best practices.
- Implemented bug fixes and delivered tailored solutions to enhance the bank application for iOS users.
- Adopted and integrated tools like Firebase Crashlytics and Fastlane to improve development and deployment workflows.
- Utilized SwiftUI and UIKit to develop user-centric features with high-quality code.

Growin: Celfocus & Vodafone

Lisbon, Portugal

iOS ENGINEER

Oct. 2022 - Sep. 2023

- Developed and supported new features, analytics tracking, and bug fixes for Vodafone Smart App & SDK.
- Specialized in CallKit, PushKit, SwiftUI, UIKit, ReactiveSwift, and CoreBluetooth.
- Integrated Firebase Tools, UrbanAirship, WebRTC, and Saurcery into the development workflow.
- Collaborated using Jira, Bitrise, Confluence, and Git for streamlined project management.

DSR Corporation

Porto, Portugal

MOBILE ENGINEER

Feb. 2022 - Sep. 2022

- Built a digital cash wallet app using React-Native, improving user financial accessibility.
- Designed and maintained a robust CI/CD pipeline to enhance development efficiency.
- Implemented iOS native features in Swift, integrating seamlessly with the React-Native stack.
- Utilized Hyperledger Aries and DidComm for secure communication and decentralized identity support.
- Supported partners' dependencies and managed end-to-end deployments.

Agi - Bank Institution

Porto Alegre, Brazil

MOBILE SOFTWARE ENGINEER I

Jun. 2021 - Jan. 2022

- Developed and maintained payment features in Agibank's mobile app using Swift and SwiftUI.
- Implemented new screen flows, API integrations, and comprehensive testing strategies.
- Resolved critical bugs, ensuring high app stability and user satisfaction.
- Applied expertise in SwiftUI, unit testing, and snapshot testing to ensure code quality.
- Collaborated with teams using Git, Bitrise, Jira, and Confluence.

Fraunhofer IESE

Kaiserslautern, Germany

MOBILE SOFTWARE ENGINEER

Mar. 2020 - Feb. 2021

- Developed client-side applications in C# using Xamarin.Forms, delivering cross-platform functionality.
- Conducted QA sessions and stress tests to ensure software performance and reliability.
- Designed new screen flows, investigated issues, and resolved critical bugs.
- Streamlined development using tools like Git, Jenkins, Jira, and Confluence.

Apple Developer Academy PUCRS

Porto Alegre, Brazil

iOS DEVELOPER

Feb. 2015 - Dec. 2016

- Developed iOS, tvOS, and watchOS applications in Swift and Objective-C.
- Managed projects using Scrum and Agile methodologies, ensuring timely delivery.
- Performed unit testing to maintain high-quality, reliable code.

Honors & Awards

Jun. 2019 **Winner**, A. Richard Newton Young Student Fellow Program

Las Vegas, U.S.A

Oct. 2016 **Winner**, UFRGS App Challenge

Porto Alegre, Brazil

Education

UFRGS(Universidade Federal do Rio Grande do Sul)

B.S. COMPUTER ENGINEERING

Porto Alegre, Brazil

Feb. 2015 - Dec. 2021

TU Kaiserslautern(Technical University of Kaiserslautern)

B.S. IN COMPUTER SCIENCE

Kaiserslautern, Germany

Mar. 2020 - Feb. 2021

PUCRS(Pontifícia Universidade Católica do Rio Grande do Sul)

B.S. COMPUTER ENGINEERING

Porto Alegre, Brazil

Mar. 2014 - Dec. 2014

Works

PAPERS

Logical and Physical Synthesis of a HF-RISCV Core for X-Fab 180nm Technology

REVISTA JR DE INICIAÇÃO CIENTÍFICA EM CIÊNCIAS EXATAS E ENGENHARIA (ICCEEG)

2019

Synthesizing HF-RISCV Core for X-Fab 180nm

34TH SOUTH SYMPOSIUM ON MICROELECTRONICS (SIM'19)

Pelotas, Brazil

2019

MOBILE APPS

Loterias Brasil

MOBILE APP FOR BRAZIL'S MOST POPULAR LOTTERY. MORE THAN 160K DOWNLOADS ON APPSTORE.

App Store

2016

Tabela TACO

MOBILE VERSION OF A BROADLY STUDIED BRAZILIAN NUTRITIONAL TABLE USED AS THE STANDARD FOR FOOD'S NUTRIENT COMPOSITION.

Google Play & App Store

2017

Interests

Professional Interests

Human-Computer Interaction, A/B Testing, Literate Programming, Health Technology, UI/UX Design

Outdoor Activities

Running, Cycling, Trekking, Camping

Creative Hobbies

Carpentry, Planting Vegetables, DIY Projects

Citizenship

Brazilian and Italian