Rodrigo Scroferneker Franzoi

SOFTWARE ENGINEER

Esch-sur-Alzette, Luxembourg

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Technical Skills

Programming Languages	Swift (Advanced), Objective-C (Intermediate), JavaScript/TypeScript (Intermediate), C# (Basic), Python (Basic)
iOS Development	SwiftUI, UIKit, Combine, PushKit, MapKit, Core Location, StoreKit
Development Tools	Xcode, Fastlane, CocoaPods, Swift Package Manager, Git, GitHub Actions, Jira, Confluence
Testing & Quality	Unit Testing, UI Testing, Snapshot Testing, XCTest, TestFlight, Crashlytics, Code Coverage
Architecture & Design	MVVM-C, Clean Architecture, SOLID Principles, API Integration, RESTful Services
Languages	Portuguese (Native), English (Fluent)

Work Experience

Pictet-Technologies
Esch-sur-Alzette, Luxembourg

iOS ENGINEER — *Oct. 2023 - PRESENT*

- Pioneered iOS development as the first iOS engineer, establishing best practices and mentoring colleagues on Swift development and iOS architecture patterns.
- Led refactoring initiatives for banking application transitioning from white label to custom solution, introducing MVVM-C architecture, dependency injection, and modular design patterns.
- Implemented comprehensive testing strategy including unit tests, UI tests, and snapshot tests to ensure code quality and maintainability, reducing tester overload by automating regression testing.
- Developed reusable components and design system for white label app, enabling faster feature development and consistent user experience.
- Collaborate with cross-functional teams to define technical requirements and ensure seamless integration across platforms.

Growin: Celfocus & Vodafone
Lisbon, Portugal

iOS ENGINEER — *Oct. 2022 - Sep. 2023*

- Developed and enhanced features for Vodafone Smart App serving serveral users, focusing on CallKit, PushKit, SwiftUI, UIKit, ReactiveSwift, and CoreBluetooth integration.
- Led integration of Firebase Tools and Sourcery into the development stack to streamline analytics and code generation workflows.
- Collaborated with cross-functional teams to deliver app features and SDK updates, maintaining high stakeholder satisfaction and on-time delivery.

DSR Corporation
Porto, Portugal

MOBILE ENGINEER — *Feb. 2022 - Sep. 2022*

- Built digital cash wallet app using React-Native, improving user financial accessibility.
- Implemented iOS native features in Swift, seamlessly integrating with React-Native stack to enhance app performance and user experience.
- Integrated Hyperledger Aries and DidComm for secure communication and decentralized identity support, ensuring high security standards.

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 and performance issues, ensuring high app stability and user satisfaction.

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)
Porto Alegre, Brazil

B.S. COMPUTER ENGINEERING — *Feb. 2015 - Dec. 2021*

TU Kaiserslautern(Technical University of Kaiserslautern)
B.S. in Computer Science

Kaiserslautern, Germany
Mar. 2020 - Feb. 2021

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

Other Professional Interests	UI/UX Design, A/B Testing
Outdoor Activities	Running, Cycling, Trekking, Camping, Gym
Creative Hobbies	Carpentry, Planting Vegetables, DIY Projects
Citizenship	Brazilian and Italian