André Porto,

 iOS Developer

Sergipe, Brasil
+55 79 99910 2696
andreporto@me.com
LinkedIn | GitHub | Portfolio

Summary

Mobile iOS developer with over 20 years of experience in graphic design, front-end development and user interface design, as well as experience in mobile development, typography and UI/UX. He has been a Volunteer iOS Developer at Greenstand since March 2024, contributing to the Treetracker open source project.

Skills

Mobile: Swift, SwiftUI, UIKit, ViewCode, Firebase, Combine, API, CoreData, CocoaPods, MVVM, Git, GitFlow.
UI/UX | Design: Photoshop, Illustrator, CorelDraw, Pixelmator, Figma, FinalCut Pro.
Additional skills: Python, SQL, Power BI, JavaScript, HTML, CSS, Wordpress.

Work Experience

Greenstand | Volunteer iOS Developer   Mar **2024** / **Currently**

Greenstand is a U.S.-based non-profit organization working to combat climate change and alleviate poverty through technology.

- Contributed to the Treetracker open-source project, a mobile and web application suite designed to track tree planting efforts and verify tree survival.
- Assisted in building a mobile app for iOS to complement the existing Android application.
- Utilized Git for version control and followed a Fork-Pull request workflow for code contributions.
- Collaborated with developers on Slack to identify tasks, discuss project progress, and troubleshoot technical hurdles.
- Engaged in an Agile development environment, making small, focused code commits for code review.

Projects

Jr. SwiftLab | Swift, SwiftUI, UI/UX, GitFlow, MVVM   **Nov 2023**
- Engineered a dynamic search feature leveraging @Published and @State attributes, enhancing user experience by allowing seamless framework filtering based on user input.
- Crafted bespoke SwiftUI views including FrameworkListView and FrameworkDetailView, meticulously designed to present framework data with utmost clarity and aesthetic appeal.
- Implemented MVVM architectural pattern, orchestrating ObservableObject view models to proficiently manage application state, fostering code scalability and maintainability.
- Expertly employed property wrappers such as @State, @Binding, and @ObservedObject to proficiently control UI state, ensuring optimal performance and responsiveness.
- Developed custom model entities including Frameworks and MockFrameworks, meticulously designed to encapsulate data structures and facilitate seamless data manipulation and representation.

BeCoin | Swift, SwiftUI, Combine, CoreData, UI/UX, GitFlow, MVVM   **Sep 2023**
- The BeCoin application was built on MVVM architecture, among other things, to make testing easier.
- To achieve a great user experience, I separated the logic of the interface by using the Combine structure to manage data flows.
- The introduction of multithreading strategies resulted in an average 30% increase in application performance and a smoother user experience.
- I used CoreData to ensure the security and persistence of portfolio data.

Education

Systems Analysis and Development	UniFatecie	Jan 2024 / Graduation In Dec 2025
Psychology	Unit - Universidade Tiradentes	Jan 2005 / Dec 2010
Graphic Design	Unit - Universidade Tiradentes	Aug 1998 / Jul 2003

Languages

Portuguese | Native
English | Professional working proficiency

Bootcamps & Certificates

- Cisco - Ciência de Dados
- Swiftful Thinking
- 100 Days of SwiftUI
- iOS & Swift Bootcamp
- Python Full Stack
- SQL Full Stack
- Power BI Full Stack
- Modern HTML5

- Modern CSS3
- SASS
- JavaScript I - Logic
- JavaScript II - DOM
- JavaScript III - Modern JS
- JavaScript IV - OOP
- JavaScript V - Advanced Topics

- Google: Data Everywere
- Google: Driven Decisions
- Google: Data Exploration
- Google: Data Science
- Agile Development
- Scrum Fundamentals
- IoT Applications - Agile way
- Git/GitHub