

Matheus Freitas Martins

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PROFESSIONAL EXPERIENCE

Universidade Federal de Viçosa, Remote

Jul 2024 - Present

Software Engineer

Currently, I work as a Tech Lead and iOS developer on the donation project for the client with the largest food donation program in Latin America, directly impacting millions of vulnerable people every day. I am leading a multidisciplinary team in the development of the application, which covers both mobile and web platforms. My main responsibilities include:

- Leadership and coordination of development teams;
- Development of the native iOS application;
- Designing screen layouts and defining the user interface and experience;
- Gathering requirements and conducting technical analysis for all platforms, including creating use cases to ensure a clear understanding of the necessary functionalities;
- Ongoing communication with the client;
- Database modeling;
- Managing and prioritizing the backlog for sprints, using agile methodologies Scrum and Kanban;
- Creating user stories, defining priorities, and assigning story points to ensure a balanced distribution of tasks among the teams;
- Defining the architecture for the platforms;
- Defining libraries and frameworks.

CI&T, Belo Horizonte, Minas Gerais, Brazil

Feb 2021 - Apr 2023

iOS Developer

I developed and maintained a native iOS application focused on glucose and insulin monitoring, using Swift and Objective-C. The application helps hundreds of thousands of people with diabetes monitor their blood sugar levels, integrating with glucose monitoring systems.

- Refining features and fixing bugs by migrating code from Objective-C to Swift and developing new features using TDD and BDD;
- Analyzing and fixing priority bugs, including hotfixes;
- Managing deploys to the Apple Store, as well as creating test builds and releases;
- Configuring new environments;
- Integrating Firebase for event logs and using Crashlytics for failure monitoring and high-traffic management;
- Managing the backlog using Kanban for estimates and prioritizing tickets in sprints;
- Applying agile methodologies, such as Scrum, for continuous delivery development;
- Training interns and sharing knowledge about iOS development and best practices;
- Conducting code reviews to ensure code quality and consistency;
- Configuring logs to track app usage and performance;
- Developing unit, integration, and UI tests to ensure software quality;
- Test Implementation: Developing unit, integration, and UI tests to guarantee software quality.

EDUCATION

Universidade Federal de Viçosa
Bachelor's Degree, Computer Science

Mar 2017 - Apr 2022

SENAI Santa Luzia CFP João Carlos Giovannini
Technical Degree, Information Technology

Jan 2014 - Sep 2015

LANGUAGES

English

Intermediate Advanced (B2)

Portuguese

Fluent

SKILLS

iOS Development:

- **Foundation:** Git, OS Environment, Xcode IDE, Debug, Playground, Project and Target, Simulator, Resolutions, Swift, Objective-c, Configs and Code Signing, App's Life Cycle/Debug, OOP, Delegate, Extension, Closure, Continuous Integration and Continuous Deployment (CI/CD), Fastlane, App Store Submission Process, SwiftLint.
- **User Interface:** ViewCode, Storyboard, XIB, UIKit, SwiftUI, Segue, StackView, IBOutlet, IBAction, Accessibility, Auto Layout, Constraints, ScrollView, View Controller Life Cycle, Table/Collection View, Page View Controller, UIAlertController, Animations, Gestures.
- **Tests and Architecture:** Unit Tests, Snapshot Tests, Concepts of SOLID, Design Patterns, Localization, UI Tests, Modules and DI, MV* / Coordinator (MVVM-C), Debugging Techniques (LLDB, Breakpoints, Instruments), Memory Management (ARC), POP, RxSwift, RxCocoa, MVC, MVP, MVVM, VIP, Clean architecture, VIPER.
- **Data management:** User Defaults, Keychain, GCD (Grand Central Dispatch) And Operations, URL Session, App Transport Security (HTTPS), Swinject, Dependency Manager (Cocoapods, Swift Package Manager (SPM)), Core Data, SQLite, Share Data / Sandbox, Push Notifications (APNs), RESTful API Integration, OAuth.

Other Languages and Technologies I have experience with:

- **Languages:** C, C++, Java, Python, PHP, JavaScript, C#, GO.
- **Web Development:** Angular, REACT, Nest.js, HTML5, CSS3.
- **Frontend:** HTML5, CSS3
- **Framework:** Tailwind CSS, Bootstrap.
- **Backend:** RESTful APIs, Node.js, Express.js.
- **Database:** MySQL, PostgreSQL, MongoDB.
- **Version Control:** Git, GitHub, GitLab, Bitbucket.
- **Tools:** Docker, Firebase, Xcode, Jenkins, Google Analytics, App Center.