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 for a client responsible for the largest food donation program in Latin America, which impacts millions of people in vulnerable situations daily. I lead a multidisciplinary team in the development of an application that covers mobile and web platforms. My main responsibilities include:

- Leading development teams;
- Developing 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;
- Continuous communication with the client;
- Modeling the relational database;
- Applying development best practices;
- 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. My main responsibilities included:

- Managing the backlog with refinements, estimates, and ticket prioritization during sprints;
- Analyzing and fixing bugs;
- Updating legacy code from Objective-C to Swift;
- Managing deployments to the Apple Store;
- Creating and configuring a new environment;
- Integrating Firebase for event logging, failure monitoring with Crashlytics, and tracking application usage and performance;
- Utilizing the agile methodologies Scrum and Kanban;
- Training new interns;
- Conducting code reviews;
- Developing unit, integration, and UI tests;
- Managing dependencies.

EDUCATION

Universidade Federal de Viçosa   Mar 2017 - Apr 2022
Bachelor's Degree, Computer Science

SENAI Santa Luzia CFP João Carlos Giovannini   Jan 2014 - Sep 2015
Technical Degree, Information Technology

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, Dependecy 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.