

Jasmini Santos

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Summary

Graduated in Computer Science from the Pontifical Catholic University of Paraná (PUCPR) and Technician in Mechatronics from the Federal Institute of Rio Grande do Norte (IFRN). Currently working as an applications developer at IBM, using my software engineering skills to create efficient and innovative solutions.

Technologies

iOS: Swift, SwiftUI, UIKit, Combine, CocoaPods, Swift Package Manager, WidgetKit, CloudKit, CoreData, MapKit, ARKit, AVFoundation, XCTest, Xcode.

Android: Kotlin, Jetpack Compose, Android Studio, Material Design, LiveData, ViewModel, Navigation Component, Retrofit, Room, Gradle.

Architecture: MVVM, VIPER, SOLID, Clean Architecture.

Tools and DevOps: Git, GitHub, Bitbucket, Fastlane, Postman, Jira, Figma, Firebase (Auth, Firestore, Analytics, Crashlytics).

Education

Pontifical Catholic University of Paraná (PUCPR)

- *Bachelor's in Computer Science* 2021 – 2024

Federal Institute of Rio Grande do Norte (IFRN)

- *Integrated Technical Degree in Mechatronics* 2016 – 2019

Professional Experience

IBM

Jun. 2022 - Present

- *Software Engineer* Jun. 2023 - Present
 - Acted as a lead developer in the delivery of key financial products within a high-criticality investment application, ensuring compliance with business and regulatory deadlines;
 - Participated in the design and implementation of innovative features for iOS and Android platforms using Swift and Kotlin, focusing on performance, security, and scalability;
 - Collaborated closely with developers and UX/UI designers to ensure seamless integration of functional and visual elements aligned with user needs;
 - Maintained and updated applications with the latest iOS and Android technologies, enhancing performance and user experience in a highly regulated environment;
 - Provided technical mentorship to new developers, supporting onboarding, code reviews, and best practices adoption;
 - Contributed to IT consulting efforts, participating in technical discussions to understand client needs and propose tailored, business-oriented solutions;
 - Engaged in agile development cycles and internal training programs to continuously improve technical and project management skills.
- *Software Engineering Intern* Jun. 2022 - Jun. 2023

- Participated in IBM’s Associate Program, contributing to two key client projects focused on data engineering and iOS development;
- Built scalable data pipelines using Hadoop and Spark, enabling data-driven decision-making and performance optimization;
- Developed and enhanced iOS application features using Swift, improving user interface responsiveness and overall user experience.

CI&T

Feb. 2022 - Jun. 2022

- *Software Engineering Intern*

- Contributed to pilot projects using PHP and Drupal, actively participating in multiple stages of the software development lifecycle;
- Supported end-to-end project activities, improving team efficiency and contributing to successful delivery;
- Attended technical training sessions on client-specific systems, enhancing domain knowledge and increasing project alignment.

Extracurricular Activities

Apple Developer Academy PUCPR

Feb. 2023 - Dec. 2024

- *iOS Development Trainee*

- Selected as one of 50 participants from 546 applicants and awarded a scholarship to join the Apple Developer Academy at PUCPR;
- Actively contributed to the development of at least 10 iOS applications during the program, collaborating in multidisciplinary teams and individual projects;
- Successfully published 6 applications on the App Store, both individually and collectively, demonstrating proficiency in app design, implementation, and deployment;
- Gained solid experience in Swift, SwiftUI, and modern software development practices, with emphasis on clean code and user-focused development;
- Participated in in-depth studies of UI/UX design, applying human-centered design principles to create intuitive and accessible digital experiences;
- Explored business and marketing concepts, leveraging data-driven strategies to define product vision, target audience, and go-to-market plans.

Swift Org

Jul. 2023 - Oct. 2023

- *Mentee in Swift Mentorship Program*

- Took part in a mentorship program focused on deepening knowledge of the Swift programming language and contributing to open-source projects, including builds and diagnostics;
- Studied various aspects of Swift, including language syntax, compiler design, runtime optimization, and error diagnostics;
- Solved a coding problem related to compiler diagnostics, enhancing skills in coding, debugging, and performance optimization.