

# Carlos Oliveira

São Paulo, Brazil

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## Education

University of São Paulo (USP)

Bachelor of Science in Computer Engineering

Mar 2018 – Dec 2022 | São Paulo, Brazil

GPA: 9.4/10.0

Activities: Mobile Development Club Founder, Hackathon Mentor, Programming Competition Coach

Relevant Coursework: Mobile Application Development, Cross-Platform Frameworks, UI/UX Design, API Integration, App Security, Performance Optimization, Backend Integration, Mobile Testing

Senior Project: Cross-Platform Healthcare App with Real-time Monitoring and Integration with Medical Devices

## Work Experience

Senior Mobile Developer | Nubank | Feb 2023 - Present | São Paulo, Brazil

- Developed and maintained the Nubank mobile banking application used by 40M+ users across Latin America.
- Led the migration from a hybrid app to a fully native implementation, improving performance by 60%.
- Implemented biometric authentication and secure transaction protocols compliant with financial regulations.
- Mentored junior developers and established mobile development best practices and coding standards.

## Skills

Programming: Swift, Kotlin, Java, Dart, JavaScript, TypeScript

Frameworks: SwiftUI, UIKit, Jetpack Compose, Android SDK, Flutter, React Native

Architecture: MVVM, MVI, Clean Architecture, Redux, Flux

Backend Integration: RESTful APIs, GraphQL, WebSockets, gRPC

Testing: XCTest, JUnit, Espresso, Flutter Test, Mockito, TestFlight

Tools: Xcode, Android Studio, VS Code, Git, Jira, Fastlane, Firebase

Other: App Store Optimization, CI/CD for Mobile, Performance Profiling, Offline-First Design, Push Notifications

## **Certificates**

Google Associate Android Developer

Apple Certified iOS Developer

Flutter Certified Application Developer

AWS Mobile Developer – Associate

## **Awards**

Best FinTech App – Mobile Excellence Awards Brazil 2023

Top 10 Developer – GitHub Brazil Contributors 2022

Grand Prize – Latin America Mobile Hackathon 2021