

Juan José Granados

*Subject Matter Expert iOS
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I have about 10 years experience in software development which 9 of them, I have focused on iOS Platform using Swift. I'm very passionate on learning new technologies and the bests practices to write a better code. Currently studying a Master in Computer Science.

Experience

- 2023–
Currently
- Subject Matter Expert iOS, Banco de Crédito del Perú, Lima, Perú.**
- Expert iOS engineer responsible to help iOS teams increase their technical skills through sessions where we explain best practices to write better unit tests, reduce coupling and increase cohesion between modules. Furthermore, explain what is the responsibility of each layer in VIPER or MVVM, helping then to choose wisely an architecture for a new library or module based on the business requirements.
- Projects:
- **iOS Application:** This iOS application allows to the users to manage and keep track of all their financial transactions.
 - **Swift:** Using Swift 5 to build and maintain new features to the existing app.
 - **Cocoapods:** We use cocoapods as a dependency manager with JFrog artifact factory.
 - **AppStore Connect:** We use TestFlight to beta testing.
 - **AppCenter:** Distribution for testing.
 - **Jenkins:** CI/CD.
 - **Fastlane:** To automate processes.

2021–2023 **Staff Software Engineer iOS**, *Scotiabank Perú*, Lima, Perú.

Lead iOS engineer responsible to oversee new initiatives to implement state of the art technology such as Vision framework, SPM and Combine. Also enhancements of the current architecture for better maintainability and deployability for a financial company.

Projects:

- **iOS Application:** This iOS application allows to the users to manage and keep track of all their financial transactions.
 - **Swift:** Using Swift 5 to build and maintain new features to the existing app.
 - **SPM:** We have migrated all our dependencies to Swift Package Manager (SPM) from Carthage.
 - **Combine:** We are using Publishers to notify changes to the View Layer from ViewModel Layer among other cases.
 - **AppStore Connect:** We use TestFlight to beta testing.
 - **Apple Wallet:** Help a team to implement financial card provisioning.
 - **AppCenter:** Distribution for testing.
 - **Jenkins:** CI/CD.
 - **Fastlane:** To automate processes.

2020–2021 **iOS Developer**, *Everis Perú SAC*, Lima, Perú.

Lead engineer responsible to oversee all mobile (iOS and Android) features that are assigned to our team of 20 peoples which is divided between developer, QAs and UI/UX designers. These new features are part of a large project for a financial company .

Projects:

- **iOS Application:** This iOS application allows to the users to manage and keep track of all their financial transactions.
 - **Swift:** Using Swift 5 to build and maintain new features to the existing app.
 - **Cocoapods:** Package manager.
 - **AppCenter:** Distribution for testing.
 - **Jenkins:** CI/CD.
 - **Apple Pay:** Payments processes with Apple Pay and Apple Wallet.

2019–2020 **iOS Developer**, *Belatrix SF*, Lima, Perú.

Team member responsible of building and maintaining an iOS applications for an american company.

Projects:

- **iOS Application:** This iOS application allows the company keep the loyalty of their customers by giving them benefits in retailers, restaurants, gyms, etc.
In this project we implemented the following technologies:
 - **MapKit:** Using the MapKit framework the client is able to visualize the nearest promotion using his location.
 - **Cocoapods:** Package manager.
 - **SwiftUI:** Creation of new modules using SwiftUI.

- 2017–2018 **iOS Developer**, *Belatrix SF*, Lima, Perú.
Team member responsible of building and maintaining an iOS applications for an american company.
Projects:
- **iOS Application**: This iOS application allows the company to see the user's behavior related to the company's brand.
In this project we implemented the following technologies:
 - **Notifications Push**: Using Firebase and APNs for the notifications push
 - **Universal Link**: In order to open web resource directly in the app
 - **Deep link**: For passwordless login
 - **Localization**: Depend on the user's device language and region, the application will show the correct language.
- 2016 **Freelance iOS Developer**, *Megatur*, Arequipa, Perú.
Responsible of building an iOS application that allows a user to get a taxi
- 2017 **Freelance iOS Developer**, *Ibérico*, Lima, Perú.
Responsible of build an iOS application where the user can buy food and groceries
- 2015–2017 **iOS Developer**, *El Comercio*, Lima.
Team member responsible of build iOS applications for all the company's products.
Projects:
- **Urbania**: This iOS application allows the user or a company to rent, buy or sell houses, apartments, rooms or offices.
In this project we used:
 - Google Maps API to show the exact location of the buildings or properties
 - **Aptitus**: This iOS application allows the user or a company to find employees and employers.
In this project we used:
 - AWS and APNs to send push notifications
 - **NeoAuto**: This iOS application allows the user or a company to buy or sell new or used cars.
 - **PagoEfectivo**: This iOS application allows the user manage a prepaid credit card.
- 2014–2015 **Web Developer Assistant**, *Universidad Esan*, Lima, Perú.
Responsible of build and maintain up to date the university's web pages.
Other projects:
- iOS application for the students: This iOS application allows to the students to see their classes schedules, courses, locations and menu weekly.
- 2013–2014 **Intern**, *Universidad Esan*, Lima, Perú.
Responsible of maintain the computer labs and fix any issue with the employee's workstations.

Education

- 2023–
Currently **Master in Computer Science**, *Universidad de Tecnología e Ingeniería - UTEC*, Lima, MCS.
Master in Computer Science

- 2015–2021 **Bachelor**, *Universidad Peruana de Ciencias Aplicadas*, Lima, *Bachelor*.
Bachelor in system engineering
- 2014–2014 **iOS Developer**, *Area 51 and Training Center*, Lima, *Developer*.
Training to build iOS applications using Objective-C
- 2009–2012 **B.S. Network and data communication**, *TECSUP*, Lima, *Technician*.
Technician in Network and data communication

Languages

English	Advance	link
Spanish	Native	

Certifications

2021	Bachiller en Ingeniería de Sistemas - UPC	link
2018	Certified in Scrum Fundamentals	link
2014	iOS Certification in Area 51 and Training Center	link

Interests

Read books	I usually read about self-improvement books
Technology	I usually read about the new technology, especially about Apple and Software Development. Currently reading "The Staff Software Engineer's Path by Tanya Reilly"
Travel	I've been in about 20 countries so far and I would love to continue traveling.
Computer games	I often play Dota 2, Starcraft and Counter Strike