Firodia S

iOS Developer, 11+ years experience
Pune, India
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I have 11+ years of rich experience in mobile development. My strengths are systematic problem-solving capabilities, analytical skills and ability to learn constantly and adaptability to newer technologies. I am a result-oriented professional with experience of building products from idea to maturity.

INDUSTRIES: Productivity, Banking and Finance

TECHNICAL SKILLS

• MVC MVVM	11 years
• Design Patterns	11 years
• Storyboard	11 years
• iOS Development	11 years
• ObjectiveC	11 years
• UIkit	11 years
• Cocoa Pods	9 years
• AutoLayout	8 years
• Swift language	7 years
• Swift	7 years
• fastlane	3 years
• Swift Package Manager	3 years
• Redux	3 years
• SwiftUI	3 years
• Payment Gateway	2 years
• Combine Framework	1 years

SOFT SKILLS

Teamwork, Problem-solving, Communication, Time management, Critical thinking

PROJECT DETAILS

• ARFoodMenu — September-2018 - October-2018

Project Description: The ARFoodMenu is an augmented reality-based food menu application.
Responsibilities: It allows client to add/remove multiple 3D food dishes. User can also get dish information by scanning the food dish name. It allows user to give feedback using facial expressions.
Technologies: ARKit, Xcode, Swift
Industry: Productivity

• OpenBank — August-2018 - May-2019

Project Description: OpenBank was a fully functioning banking application with features such as account management, cards management, Tap&Pay, funds transfer, checking payment history, etc.
Responsibilities: The restyling of the application includes developing of common components. It allows developers of the application to use the same component all over the application making it easy to maintain the application.
Technologies: Git, Swift, Agile
Industry: Banking and Finance

• SmartBank April-2022 - July-2023

Project Description: Banking app to accept payment from customers. It is Open MPOS solution.
Responsibilities: Focused mainly on edge cases like, detecting multiple cards, damaged card, duplicate transactions. Created a PoS app to test the functionality properly. Worked on PIN encryption, used cvm keylist to encrypt Pin Used AES128 algorithm Worked on integrating Sentry (error logging system) Worked on card readers functionality to connect, disconnect, delegates, etc.
Technologies: Swift, SwiftUI, JIRA, Confluence, Tuist, Combine Framework
Industry: Banking and Finance

• GoodFellow January-2020 - April-2022

Project Description: Goodfellow – a solution that supports secure cardholder PIN entry on a consumer off-the-shelf (COTS) device. It is Open MPOS solution.
Responsibilities: • Responsible for various functionality as InterAppCommunication, PinPad generation, Shuffled PINPAD generation, Update card reader framework, etc. • Worked mainly on creating Cocoapods for different functionality. • Switched from cocoapods to Swift Package Manager and resolved all bugs came across while doing this transformation. • Studied EMV configuration for a card type and worked accordingly for contact and contactless transaction. • Transformed the code from Swift UIKit to use SwiftUI • Integrated LottieView • Developed functionality to share logs via email or any other app as PDF or JSON as choosen by user . • Worked on device attestation service, which included twelve different checks, for AppBinaryHash, DynamicLibraries, ExistingPaths, PathPermissions, PortResponses, etc.
Technologies: CocoaPods, Objective C, Swift, Swift Package Manager, Azure DevOps, Redux, Swift
Industry: Productivity

• Client Management Tools

Project Description: ○ The iPhone application for the highly classified customers of the client. ○ Completely native iPhone application for user to view their contacts and clients list. ○ It also contained features like logging an activity with a contact, search global contacts, take notes of the meeting. ○ View logged activity, logged notes, client and contact details were some extra features added. ○ It facilitates client call list, company details, maintaining and logging activities, recording notes of any short thing.
Responsibilities: ○ Created UI for the whole application. ○ Wrote the whole application from scratch in Objective C as well as Swift ○ Working with latest Swift 3.0.1 for new functionalities to be added. ○ Implementation of all the functionalities, integration with the service, done. ○ Also, done with usage tracking as of to have the record of how users are using the implemented functionality. ○ Gmail like email implementation in the application.
Technologies: Objective C, Swift, Agile, Storyboard
Industry: Banking and Finance

• TRUJUNCTION

Project Description: ○ Building the SDK for the product which the user can use for developing applications. ○ The SDK features with various application processes such as Sync, Building the framework, Authorization.
Responsibilities: ○ Implemented Sync services for the local DB. ○ Implemented the network, location and network context for the application developed. ○ Rewarded Star Performer of the Quarter for the same.
Technologies: C based development
Industry: Productivity

• Discover Mobile

Project Description: ○ It’s a credit card iPad + JQM (Hybrid) application for DFS card customer. ○ It facilitates credit card customer with all credit card related transactions such as bill Payment, money transfer, viewing account summary, recent account activity, statements, Cashback bonus redemption and handles forgot user/ password related management etc.
Responsibilities: ○ Created UI for a screen as per client requirements. ○ Implemented functionality to handle serialization, networks. ○ Implemented various modules in the project like Account Home, Quick view(view the account information before logging into the app.) ○ Also, used JQuery mobile functionality for some of the modules. ○ Requirement understanding. ○ Handling validations and data models ○ Responsible for Unit testing, Bug fixing.
Technologies: Objective C
Industry: Banking and Finance

• QuickRM

Project Description: It’s a Customer Relationship Management Application on iPad for Corporate Relationship Manager . ○ Application helps Corporate Relationship Manager to keep an update of his/her day- to-day activities, to - do lists, meetings etc. ○ It is very helpful in maintaining contact and account related information of each customer . ○ User can easily have look at the customer related account reports, advertisements, presentation, marketing material and profile information.
Responsibilities: ○ Created initial architecture for the iPad device. ○ Implemented 3rd party library called iCarousal for folder animation effects. ○ Handling validations and data models ○ Requirement understanding. ○ Responsible for Testing/ Bug fixing. ○ Building daily builds and uploading it on in - house Appstore.
Technologies: Objective C
Industry: Banking and Finance

• Rewards Calculator

Project Description: This is loyalty points calculator app on iPad for Keybank Customers. It Shows rewards points accumulated till date and allows customer to calculate how much reward points she/he can earn if he does particular type of transactions or avail particular service. For that customer has to slide slider or click checkboxes. Reward points gets calculated and shown. It also displays redemption coupons available for thos e calculated rewards points as user moves slider.
Responsibilities: ○ Designed and implemented custom component for slider ○ Requirement understanding. ○ Responsible for Testing/ Bug fixing. ○ Building daily builds and uploading it on in - house App store
Technologies: Objective C
Industry: Banking and Finance

• Portfolio cockpit

Project Description: ○ Native iPad application for viewing investment reports for HNI’s. ○ Enable user to conduct in - depth analyses of securities holdings and performance, either at individual portfolio level or at various consolidated levels. ○ Provide predefined / customized reports (lists & interactive charts) ○ Detailed analysis of asset allocat ion, Performance, Holdings, Positions, Transactions, Benchmark etc.
Responsibilities: ○ Designed custom popover for different date styling. ○ Requirement understanding. ○ Responsible for Testing/ Bug fixing
Technologies: Objective C
Industry: Banking and Finance

EMPLOYMENT HISTORY

• iOS Developer — January-2020 - July-2023

• Senior iOS Developer — August-2018 - May-2019

Globant India Pvt. Ltd.

• Technology Specialist July-2011 - August-2018

Cognizant Technology Solutions

EDUCATION

• Bachelors degree in Computer Science and Engineering from SRTMU 2007 - 2011

LANGUAGES

• English - native

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