KISHORE PRAKASH

LEAD ANALYST – CGI

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:
Swift, Objective-C, Python, Bash, Java, Kotlin

DATABASES:
SQLite, Plist, MySQL , Mongodb

VERSION CONTROL:
Git(Github, Bitbucket, Gitlab), SVN

CONTINUOUS INTEGRATION:
Jenkins, Bamboo, Travis

IOS STACK:
NFC, Bluetooth, Push Notification, Rest Web service, JSON, Library and Framework creation, Cocoa pod creation, Swift Package Creation, DocC, Doxygen

EDUCATION

Bachelor of Engineering in Computer Science
Impact College of Engineering and Applied Sciences, Bengaluru affiliated to Viswesharaya Technological University
2010 - 2014

CONTACT

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WORK EXPERIENCE

CGI
Lead Analyst (Feb 2019- Present)
Design, Develop, Architect SDK for Mobile applications

Mindtree
Senior Software Engineer (Apr 2017- Feb 2019)

IDS NEXT Business Solutions Pvt Ltd
iOS Develop (Sep 2016 - Apr 2017)

Cosmonet Solutions
Software Engineer (Oct 2014- Aug 2016)

APPS/SDK DEVELOPED

PROJECTS

Mifare2GO:

SDK to make contactless transaction using NFC cards.

Public transportation has just gone mobile and can offer enhanced convenience as travelers can use their phone as their mobile transit ticket.

The ease of mobile fare payments can also extend beyond transit applications. With NXP's MIFARE 2GO, digital credentials can also be used with access control systems, loyalty rewards and more.

For the benefit of maximum security and minimal integration effort, NXP advocates the usage of a tamper-resistant, EAL 5+ certified Secure Element (SE) as the most effective choice of implementation for MIFARE 2GO

Language/ Technologies: Swift, Jenkins, XCTest, asciiDoc, DocC
Team Size: 2
Reference: https://www.nxp.com/products/security-and-authentication/secure-service-2go-platform/mifare-2go:MIFARE2GO
Responsibility:
➢ Development of iOS Library to add card and make payment
➢ Write Unit Test Case
➢ Write Demo app to show how the Library works
➢ Maintain CI/CD process
➢ Write document on how to use SDK using asciiDoc

mWallet2GO:

SDK to make contactless payment of Mastercard or VISA card using secure element chip inside a mobile/ wearable device.

Language/ Technologies: Swift, Bamboo, XCTest, Cucumber
Team Size: 2
Reference: https://www.nxp.com/products/security-and-authentication/secure-service-2go-platform/mwallet-2go:MWALLET2GO
Responsibility:
➢ Development of iOS Library to add card and make payment
➢ Write Unit Test Case
➢ Write Demo app to show how the Library works
➢ Maintain CI/CD process
➢ Write document on how to use SDK using asciiDoc

TagInfo:

App to read all NFC Forum Type 2, Type 4 and Type 5 Tags, including NXP's NTAG, ICODE and MIFARE platforms. App will automatically execute the NDEF Message content-based actions: Open an URL, Send an Email, Connect to WiFi, Import a vCard (Contact Information), Display Location on a Map, Initiate a Telephone Call, Show a Text.

Language/ Technologies: Swift, Bamboo, Objective-C, NFC
Team Size: 2
App Link: https://apps.apple.com/us/app/nfc-taginfo-by-nxp/id1246143596
Responsibility:
➢ Development of app
➢ Maintain CI/CD process
➢ Communicate with core team to understand the structure of cards

TagWriter:

App to write stores Contacts, Bookmarks, Geo location, Bluetooth, Handover, SMS, Mail and many more to any NFC enabled tags as well as to items like posters, business cards and many more containing NFC-enabled electronics. Once data has been stored the application allows reading and viewing the programmed data including options to launch applications automatically based on the contained data.

Language/ Technologies: Swift, Bamboo, Objective-C, NFC
Team Size: 2
App Link: https://apps.apple.com/us/app/nfc-tagwriter-by-nxp/id1246143221
Responsibility:
➢ Development of app
➢ Maintain CI/CD process
➢ Communicate with core team to understand the structure of cards

Appxplorer:

AppXplorer is a global platform where you can discover different services in a smart city using a multifunctional smart device.

Based on your location, you can identify a list of available services. As a next step, use your NFC-enabled smartphone or tablet to load and manage content over-the-air on your device of choice.

Enjoy a seamless experience when it comes to event and hotel room access, transportation, and bike rental – all while benefiting from dedicated promotions.

Language/ Technologies: Swift, Bamboo, Objective-C, NFC
Team Size: 2
App Link: https://apps.apple.com/us/app/appxplorer/id1482615160
Responsibility:
➢ Development of app
➢ Maintain CI/CD process
➢ Communicate with core team to understand the structure of cards

TapLinx:
Taplinx is an iOS library to read and write NFC data on to the NFC enabled cards of any forum.

Language/ Technologies: Swift, Bamboo, Objective-C, C++, NFC
Team Size: 3
Responsibility:
➢ Development of iOS Library
➢ Maintain CI/CD process to build library for multiple platforms
➢ Communicate with core team to understand the structure of cards
➢ Use this library in TagInfo, TagWriter and Taplinx apps

Stotramala:
iOS App to read and listen to stotras in multiple languages.

Language/ Technologies: Swift, Youtube integration, Google Ads
Team Size: 1
Library Link: https://apps.apple.com/us/app/stotramala-multilingual/id1523220364
Responsibility:
➢ Development of iOS
➢ Maintain the complete lifecycle of development and production

ThoughtCast:
iOS app for magicians to perform tricks on guessing the drawing which user has written.

Language/ Technologies: Swift, Bluetooth, Google ML for Recognition
Team Size: 1
Library Link: https://apps.apple.com/in/app/thoughtcast/id1311918486
Responsibility:
➢ Development of iOS
➢ Maintain the complete lifecycle of development and production

OmniSense:
iOS app that allows you to know the cards, coins, and other objects a spectator has chosen using just your iPhone. This also includes watch app as well

Language/ Technologies: Swift, NFC, Watch App
Team Size: 1
Library Link: https://apps.apple.com/in/app/omnisense-magic-mindreading/id1475017007
Responsibility:
➢ Development of iOS app and Watch App
➢ Maintain the complete lifecycle of development and production

Employee App for American Red Cross:

An enterprise app to American red cross employees to connect to all their applications from the iOS mobile app.

Language/ Technologies: Swift, Microsoft Enterprise SSO
Team Size: 1
Responsibility:
➢ Development of app
➢ Distribute app to Enterprise Web App

Jabra Softphone Plugins for Mac:

Mac background application to communicate between softphones(eg. Skype, Bria, Avaya) and Jabra devices to perform remote call control..

Language/ Technologies: Swift, XCTest, Jenkins, Doxygen
Team Size: 1
Library Link: https://apps.apple.com/us/app/appxplorer/id1482615160
Responsibility:
➢ Development of softphone plugin for Skype and maintaining continuous integration system
➢ Writing unit test
➢ Adding new features on Bria and Avaya plugins
➢ Preparing release documents

Jabra Universal Mac and iOS SDK:

A universal SDK for both MacOS and iOS which is use to communicate with Jabra devices for changing setting, perform call control and firmware update of the device. Also built a demo app to show the library can be used.

Language/ Technologies: Swift, Jenkins, XCTest
Team Size: 2
Library Link: https://developer.jabra.com/site/global/sdks/macos/index.gsp
Responsibility:
➢ Development of Mac SDK library and maintaining continuous integration system
➢ Writing unit test
➢ Preparing user manual and release documents
➢ Communicate with client to add features and upgrade existing features

Jabra iOS SDK:

An iOS framework which is use to communicate with Jabra Bluetooth devices for changing setting and firmware update of the device. Also built a demo app to show the library can be used.

Language/ Technologies: Swift, Jenkins, XCTest
Team Size: 2
Library Link: https://developer.jabra.com/site/global/sdks/ios/index.gsp
Responsibility:
- ➢ Development of iOS SDK Framework
- ➢ Writing unit test
- ➢ Preparing user manual and release documents
- ➢ Communicate with client to add features and upgrade existing features

Stay Ahead:

An Universal iOS application for iPad and iPhone for the user who booked rooms in the IDS Network hotels, Where they can block the rooms, order for room service and also view bill in real time.

Language/ Technologies: Swift
Team Size: 2
Library Link: https://apps.apple.com/in/app/stay-ahead/id1196254847
Responsibility:
- ➢ Development of iOS app
- ➢ Assigning tasks to the team mates
- ➢ Defining the flow of the app and designing the UI for the app
- ➢ Communicate with backend team and UI/UX team

Personal Carpool:

An Universal iOS application for iPad and iPhone for car polling which helps drivers and riders in defining their rides and managing the rides.

Language/ Technologies: Swift
Team Size: 2
Library Link: https://itunes.apple.com/us/app/personal-carpool/id1352307338?mt=8
Responsibility:
- ➢ Development of iOS app
- ➢ Assigning tasks to the team mates
- ➢ Communicate with backend team and UI/UX team

Pulze247:

An Universal iOS application for iPad and iPhone that helps hotel owners and general managers to have real-time information on their properties with all the vital and business critical statistics available on their phones real-time using graphs.

Language/ Technologies: Swift
Team Size: 2
Library Link: https://apps.apple.com/us/app/pulze247/id1035543880
Responsibility:
➢ Development of iOS app
➢ Assigning tasks to the team mates
➢ Defining the flow of the app
➢ Communicate with backend team and UI/UX team

Spizza:

An iOS application for a Singapore based pizza restaurant, which includes ordering items from the menu including combo items, payment option, make reservations, map access to outlets.

Language/ Technologies: Swift, Xcode, Payment gateway
Team Size: 2
Library Link: https://apps.apple.com/sg/app/spizza/id603030085
Responsibility:
➢ Development of iOS app
➢ Assigning tasks to the team mates
➢ Defining the flow of the app
➢ Communicate with backend team and UI/UX team