Mr. Mukesh Patil
Technology Lead | iOS Mobility Engineer (Mobile Apps & SDKs)
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Experience Summary

- Around **8.06 years** of IT experience, as an **iOS Technology Lead (Mobile Apps & SDKs) | Architect | Swift | Objective-C | React Native | Hybrid | Android | IOT Engineer** in designing, developing, implementing, testing and publishing iOS applications on iTunes Store.

- Strong Knowledge of **Software Development Life Cycle** (SDLC) with strategically **designing** and **implementing** the software, **debugging**, **fixing** and **maintaining** the software.
- Excellent **communication**, **organizational skills**, **attention** to detail and the ability to meet tight deadlines.
- Multiple **languages**, **Tools**, **Databases**, **Concepts** and **gained** experience through studies & projects
- Able to work adaptively in team as well as **individually**, **build rapid prototypes**, **improve** the performance of Application and implement scalable, mission critical projects.
- Very quick at learning, good grasping power hence able to train the people after doing self study hence increasing the **productivity** of the project.
- Highly versatile in adapting and implementing the latest technologies like **Core Data, SQLite**, **XML**, **JSON** & **third party API** in iPhone application solutions.
- Built in **Rich User Interface** applications, integrating with various Databases and Client-Server applications in **iPhone/iPad**.
- Expertise in **MVC** design architecture, Cocoa design patterns and concepts like **delegation**, **protocol** and **categories**.
- Experienced in using of **BLE.**
- Hands on experience with **Swift** and **iOS SDK** features and newly released frameworks.
- Extensive experience in consuming **SOAP/ RESTful** web services.
- Experienced in using of **third party** libraries.
- Extensively worked on **Payment Applications** and **SDKs**.
- Experience with both **SVN** and **GIT** code repositories.
- Perfect understanding of **ARC** and **non-ARC** in iOS development for Memory Management.
- Experience with performance and memory tuning with **Instruments tool**.
- Experience in working with **PhoneGap** hybrid solutions.
- Experience in working with **In-App Purchase** application for the iPhone/iPad.
- Solid Knowledge on **PCF** and **CleveTap**.
- Hands on experience in **Apple push notifications** and **Network protocols**.
- Designed applications using **Storyboards, XIB** files and programmatic UI building.
- Strong knowledge on development of **hybrid** applications.
- Solid Knowledge on **Android** & **React Native** application development.
- Solid Experience on **XCTest/Performance Automation** including **Test Cases and Test Methods**, **Test Assertions**, **Asynchronous Tests, UI Tests, Activities and Attachment, Test Execution** and **Code Coverage**.
- Professional working experience with in **PHP, HTML, CSS, and JavaScript**.
- Experience in working with **AGILE, SCRUM** and **TDD** methodologies.
- Experience in working with **Pair Programming** skills.
- Experience in working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script**.
- Attended Good **Agile** Training session.

Technical Skills

Technologies	: Objective-C, Swift, RxSwift, C, C++, Java
Web Services	: SOAP and RESTful
Operating Systems	: Windows and Mac
Data base	: MySQL, Oracle 8i, Sqlite, Apple Core Data
Web Technologies	: HTML, CSS, JavaScript, Jquery, Ajax
Tools	: IDE iOS […] Xcode […] Android Studio […] OSX […] Eclipse 3.x, MS, Visio, RAD, Configuration Tools GIT Bitbucket, JIRA, SVN, SourceTree, OS MAC […] Windows XP/7/8
Third Party SDK	: Flurry Analytics, Facebook, Twitter, Bing Map, CorePlot, TouchJSON, WebTrends, Cocoa-Lumberjack, Mixpanel Analytics & push notification, PhoneGap
Remote Pods	: Reactive Cocoa, Typhoon, Specta, Expecta, SDWebImage, AFNetworking, BugSense, CocoaHTTPServer, EDSemver, FLKAutoLayout, ODRefreshControl, SSKeychain, SSZipArchive, TTTAttributedLabel, AsyncNetwork, Crashliytics / Fabric
Local Pods	: Cocoa Pods, Encrypted Store, Magical Record, GHUnit, OCMock, XCTest
Automation Tools	: Instruments, Jenkins, Hudson Server, Code analysis, Code Coverage, Test-flight
Scripting	: Shell, Ruby, Python

Work Experience

Client: 7-Eleven, Inc (Retail)   **May 2018 to Present**
Role: Technology lead | Architect | iOS Mobile Development
Location: Irving- Dallas, Tx, USA
Environment: X-code, Swift 4.0, iOS 11.0

Description: 7NOW- Delivery or pickup on a wide selection of items near you. Browse anything from Slurpee® and Big Gulp® drinks, pizza and wings, even beer and wine (21 years or older of course). Just another way we are making convenience conveniently more convenient. This is 7NOW. WANT IT.GET IT.™

This is how it works:
FIND YOUR STORE
Each 7-Eleven® store is unique, so select a store you would like for either delivery or pickup and browse the menu.
CHOOSE PICKUP OR DELIVERY
Don't want to leave your home or office? No worries! Get your order delivered to your door. You can also order ahead and have your items packaged and ready for pickup in-store.
SELECT YOUR ITEMS
Fulfill your cravings whenever they may hit with whatever they may be. We have a wide menu of our most popular items and are quickly expanding. Go ahead and grab a pizza, your favourite drink and a few bags of chips to get the party started!
EASY PAY
Easily view your order and confirm at checkout. Securely pay in app to save time and streamline your order.
ORDER STATUS UPDATES
Want to know where your order is? Track your order and receive notifications.

App Store Link: https://itunes.apple.com/us/app/7now/id1316244211?mt=8

Responsibilities:
- Actively involved in **Analysis**, **Design & Architect** of application.
- Working on new features of the App as well as maintaining the legacy codes.
- Pair programming with other iOS developer to increase code quality.
- Test driven development with testing frameworks Quick and Nimble and Cedar.
- Working on alongside product manager and work on new ideas and features.
- Created models in **MVVM** and development of **dependency injection** for updating model information.
- Working with **GPS** API's for location tracking.
- Working closely within a cross functional team of **testers** and **developers.**
- Working with **AWS** to checkout and update the codebase changes.
- Automated the **installation process** with scripting language.
- Working on **PR code review**, **code debugging, bug fixing,** and done code **optimization.**
- Working on **Quick-Spec Testing Framework** including **Test Cases and Test Methods**, **Test Assertions**, **Asynchronous Tests**, **UI Tests, Activities and Attachment, Test Execution** and **Code Coverage**.
- Working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**

Client: Ford Motor Company   **Dec 2017 to Apr 2018**
Role: Technology lead | iOS Mobile Development
Location: Detroit/Dearborn, MI, USA
Environment: X-code, RxSwift 4.0, iOS 11.0

Description: FordPass - Fuel, Park, Dealers When it comes to parking, driving, paying and riding, FordPass is a smarter way to move. We 've partnered with solutions like ParkWhiz to bring you one easy-to-use, reliable journey assistant. Make your every move smarter without switching from app to app. FordPass takes what you used to do with multiple apps and does it in one.

This is how it works:
- Find and reserve parking in parking garages and lots, including parking in New York, Chicago, Atlanta, LA, Seattle, Denver, Dallas, DC, Philadelphia and much more. Search for parking by point of interest, city, address, and more!
- Securely pay for parking in select parking garages and lots with FordPay
- Find gas stations based on your preferences
- Get one-on-one help from FordGuides
- Earn Appreciation Badges and Perks just by using FordPass!
- Quickly call for Roadside Assistance2
- Find and contact your Ford dealer making car service simpler
- Bike Share - Access thousands of public bikes for use across San Francisco, East Bay and San Jose through Ford GoBike — a fun and affordable way to get around town.
- Access your Ford Credit account
- Start, stop, lock, unlock and schedule starts[1] for vehicles with SYNC® Connect
- Enjoy Smart parking reservations in parking garages. Easier car servicing and Roadside Assistance. Better Ford dealer visibility.

App Store Link: https://itunes.apple.com/us/app/fordpass-fuel-park-dealers/id1095418609?mt=8

Responsibilities:
- Actively involved in **Analysis**, **Design & Architect** phases of application.
- Worked on new features of the FordPASS App as well as maintaining the legacy codes.
- Pair programming with other iOS developer to increase code quality.
- Test driven development with testing frameworks Quick and Nimble and Cedar.
- Worked on alongside product manager and work on new ideas and features.
- Worked with connected vehicle to integrate features on the iOS App.
- Created models in **MVVM** and development of **RxSwift Observable** for updating model information.
- Worked with **GPS** API's for location tracking.

- Worked closely within a cross functional team of **testers** and **developers.**
- Worked with **GIT** to checkout and update the codebase changes.
- Automated the **installation process** with scripting language.
- Worked on **PR code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked on **Quick-Spec Testing Framework** including **Test Cases and Test Methods**, **Test Assertions**, **Asynchronous Tests**, **UI Tests**, **Activities and Attachment**, **Test Execution** and **Code Coverage**.
- Working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- Worked as a **developer** and performing all responsibilities.

Company: SolGenie Technologies   **Jul 2017 to Nov 2017**
Role: React Native Developer
Location: Remote
Environment: React Native

Description: Touchabl Pictures is a new way of interacting with pictures. By using your fingertip and touching stuffs inside a picture, you instantly know what's in there. Touchabl makes you smarter, your photos will automatically come alive. Say bye to second-guessing, instantly search for anything in a picture by touching it. With your fingertip, you can find out more about your interest and share them (if you like).

App Store Link: https://play.google.com/store/apps/details?id=com.touchabl&hl=en

Responsibilities:
- Actively involved in **Analysis**, **Design** phases of application.
- Integrated with **AWS Cloud based Services**.
- Worked with **GPS** API's for location tracking.
- Worked closely within a cross functional team of **testers** and **developers.**
- Worked with **GITlab** to checkout and update the codebase changes.
- Worked on **code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked as a **developer** and performing all responsibilities.

Company: Citrus Payment Solutions Pvt. Ltd. (Now PayU)   **Jul 2016 to May 2017**
Role: iOS Lead/Architect
Location: Pune, MH, India
Environment: X-code, Swift4.x, iOS 10.0

Description: SMB Framework SDK is a Merchant based integration kit. It includes **Core SDK** with **PlugNPlay** integration. This SDK contains wrapper over payment API, who can expect to soon enjoy easier, safer, faster, and more innovative ways to pay on more of their favorite apps and at their favorite existing apps. SDK enables collection of payments via various payment methods. The SDK is designed for various merchants who are developing their own iOS apps and need a mode which accepts payments within these apps.

App Store Link: https://github.com/payu-intrepos/PayUMoney-IOS-SDK.git

Responsibilities:
- Actively involved in **Analysis**, **Architect** SDK.
- SDK supports via **Cocoa Pod** & **Manual** Inclusion.
- Enhanced new features released in **iOS 10.0** with **Swift4.x**.
- Analyzed issues between iOS & Android JAVA Code .
- Integrated Third Party SDK **GA, JSONModel** etc
- Integrated with **AWS Cloud based Services**.
- Migrated SDK from **Objective-C to Swift.**
- Integrated **GA SDK** with **PlugNPlay** for Analytics reports.
- Involved in SDK **Release** process.
- Worked with **GIT** to checkout and update the codebase changes.
- Worked on **code review, code debugging, bug fixing,** and done code **optimization.**
- Automate the **Fat Framework** creation **(Simulator + Device enabled)** with scripting language.
- Worked on **XCTest Automation** including **Test Cases and Test Methods**, **Test Assertions**, **Asynchronous Tests**, **UI Tests**, **Activities and Attachment**, **Test Execution** and **Code Coverage**.
- Experience in working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- Worked as a **team lead** and performed all responsibilities.

Company: Citrus Payment Solutions Pvt. Ltd. (Now PayU)   **Sept 2015 to May 2016**
Role: iOS Lead/Architect
Environment: X-code, Swift3.0, Objective-C, iOS 8.0

Description: Citrus Native Payment SDK (Packaged into Framework) is a Merchant based integration kit. It includes **Core/Graphics/PlugNPlay** SDK. Created the **Best Payments SDK** in India. It processes more than millions transactions monthly. Improved the overall success rate of SDK by 20%. The current average success rate is 80% with few merchants having success rate of 87%. This SDK contains wrapper over payment API, who can expect to soon enjoy easier, safer, faster, and more innovative ways to pay on more of their favorite apps and at their favorite existing apps. Features like: Bind the user (Save the cards, & Get the Wallet), Accept Payment options Card payments (Debit/Credit, Cards token & Net banking).
Few Key Merchants: ABOF, BOX8, Quickr, Faasos, TinyOwl, Meru Cabs, Bharat Matrimony, Lenskart, ZoomCar, Zivame, Indigo, Citrus Cube,

Citrus Wallet

Responsibilities:
- Actively involved in **Analysis**, **Architect** SDK.
- SDK supports via **Cocoa Pod** & **Manual** Inclusion.
- Worked on implementing several design patterns like **Singleton**, designed **MVC** pattern.
- Analyzed issues between iOS & Android JAVA Code .
- Integrated with **AWS Cloud based Services**.
- Integrated Third Party SDK **GA, JSONModel** etc
- Migrated from **Objective-C to Swift.**
- Integrated **GA SDK** with **PlugNPlay** for Analytics reports.
- Involved in SDK **Release** process.
- Automate the **Fat Framework** creation **(Simulator + Device enabled)** with scripting language.
- Worked with **GIT** to checkout and update the codebase changes.
- Worked on **code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked on **XCTest Automation** including **Test Cases and Test Methods** , **Test Assertions**, **Asynchronous Tests, UI Tests, Activities and Attachment, Test Execution** and **Code Coverage**.
- Experience in working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- Worked as a **team lead** and performed all responsibilities.

Company: Citrus Payment Solutions Pvt. Ltd. (Now PayU)   **Mar 2015 to Aug 2015**
Role: iOS Lead
Environment: X-code, Swift2.0, Objective-C, , iOS 8.0

Description: Bill Payment App is a consumer application, which allows user to know about overall information of account.   Use this app for prepaid mobile recharge, DTH or data card recharges, or pay your mobile or utility bills and even shop online,   It shows Feed, DataHub and Billing information. Consumer can do onetime payment using this app easily. This app shows bill overdue and data plan information. Consume can upgrade or downgrade plan at any time using the app.

Responsibilities:
- Actively involved in **Analysis**, **Design** phases of application.
- Worked on implementing several design patterns like **Singleton**, designed **MVC** pattern.
- Migrated application from **Objective-C to Swift.**
- Integrated with **AWS Cloud based Services**.
- Enhanced new features released in **iOS 9.0 with swift2.x.**
- Integrated Third Party SDK **GA, Magical Record, AFNetworking** etc
- Worked with **GIT** to checkout and update the codebase changes.
- Worked on **code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked on **XCTest Automation** including **Test Cases and Test Methods** , **Test Assertions**, **Asynchronous Tests, UI Tests, Activities and Attachment, Test Execution** and **Code Coverage**.
- Experience in working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- Worked as a **team lead** and performed all responsibilities.

Company: Citrus Payment Solutions Pvt. Ltd. (Now PayU)   **Sept 2014 to Feb 2015**
Role: iOS Lead
Environment: X-code, Objective-C, iOS 8.0

Description: Mobile Wallet App   is a consumer application, which   provides Send, Receive and Transfer money in seconds using nothing more than an e-mail id! like send your roommate, your share of the electricity/ Wi-Fi bill!, split the bill for a lunch you had with your friends or colleagues, request friends for cash in emergency situations, remind hung-over friends how much they owe you from last night's drinking spree. Send and receive money via an email.

Responsibilities:
- Actively involved in **Analysis**, **Design** phases of application.
- Worked on implementing several design patterns like **Singleton**, designed **MVC** pattern.
- Worked on **MapKit** framework for sharing location.
- Integrated with **AWS Cloud based Services**.
- Integrated **GA SDK** with application for Analytics reports.
- Integrated Third Party SDK **Facebook, Google, Twitter, GA, Magical Record, AFNetworking** etc
- Worked on security of the user by saving sensitive data like session ids, Passwords using **Keychain Services.**
- Worked with **GIT** to checkout and update the codebase changes.
- Worked on **code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked on **XCTest Automation** including **Test Cases and Test Methods**, **Test Assertions**, **Asynchronous Tests, UI Tests,**

      Activities and Attachment, Test Execution and **Code Coverage**.
- Experience in working with **CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- Worked as a **team lead** and performed all responsibilities.

Company: Accenture Software Services Pvt. Ltd.(GapBridge S/W)   **Jun 2013 to Aug 2014**
Role: Senior iOS Developer
Location: Bangalore, KA, India
Environment: X-code , Objective-C, C, iOS 8.0

Description: NFC Mobile Wallet App is a consumer application. The Wallet holds payment cards while organizing store offers and loyalty cards. It will add your existing credit cards from participating banks and same benefits and protections you would get with your physical card. The Wallet holds merchant offers and participating store loyalty programs. Save money and earn loyalty points without having to carry around a bunch of coupons and cards. Wallet is safer than your existing physical wallet. At stores that use SmartTap technology, simply tap once to pay for your purchases, and any applicable loyalty points or discounts are applied to your purchase. It can use the Wallet to pay anywhere contact-less payments are accepted.

App Store Link: https://itunes.apple.com/app/id501017760

Responsibilities:
- Actively involved in **Analysis**, **Design** phases of application.
- Integrated Third Party SDK **Facebook , Google, Twitter, GA, Magical Record, AFNetworking** etc
- Written **API calls** for payment integration.
- Created models in **MVC** and development of delegates for updating model information.
- Did unit testing, code debugging and bug fixing.
- Worked with **GIT / Stash** to checkout and update the codebase changes.
- Worked on **code review**, **code debugging, bug fixing,** and done code **optimization.**
- Worked on **XCTest Automation** including **Test Cases and Test Methods, Test Assertions**, **Asynchronous Tests**, **UI Tests, Activities and Attachment, Test Execution** and **Code Coverage**.
- **Experience in working with CI with Jenkins Automation - Automate the build process, Every commits made should be built, Test the build in a production look-like environment, Automate the deployment process** using **Shell script.**
- **Debugged issues, fixed bugs** and done code **optimization**.
- Worked as a **developer** and performed all responsibilities.

Company: Harbinger (Harbinger Group) System Pvt. Ltd   **Jan 2011 to May 2013**
Role: iOS Lead
Location: Pune, MH, India
Environment: X-code, Objective-C, iOS 7.0

Projects Worked
- ✓ **Stocks Investors App :** https://itunes.apple.com/in/app/chaikin-analytics/id568512518?mt=8
- ✓ **Travel Guide App**
- ✓ **Audio Processing App**
- ✓ **Employee Management Systems App :** https://itunes.apple.com/us/app/workterra/id540314841?mt=8
- ✓ **KnowMe App**
- ✓ **Online Business Systems App**
- ✓ **Healthcare Management Systems App**

Company: Poorvanchal (Porchys) System Pvt. Ltd   **Nov 2009 to Dec 2010**
Role: Senior iOS Developer
Location: Pune, MH, India
Environment: X-code, Objective-C

Projects Worked
- ✓ **Online Store App :** https://itunes.apple.com/us/app/ecc-mobile/id409101495?mt=8
- ✓ **TakeMeToHappyHour App :** https://itunes.apple.com/us/app/take-me-to-happy-hour/id387844755?mt=8
- ✓ **myskin App**
- ✓ **iWaiter**
- ✓ **Aras Mobile**
- ✓ **PinBalance Game - https://itunes.apple.com/us/app/pin- balance/id370137899?mt=8**
- ✓ **Walk n Mail**
- ✓ **Cube Sudoku Game**
- ✓ **BuisnessContact**
- ✓ **TicketBooking**
- ✓ **Bug on Wire Game** - https://itunes.apple.com/us/app/run-pukku-run/id371434460?mt=8

Educational Qualification

- **Master of Computer Applications from North Maharashtra University, Jalgoan, MH India.**