

# JITENDRA GANDHI

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## Professional Summary

An iOS Developer (at first place) with 6+ years of experience. I have also worked on Android, Python, Linux & React-Native throughout my career. Rest, I can write code that will explain to you more about me or just checkout my GitHub profile.

## Skills

- Expert in Swift & Objective-C
- Android & Python
- Coding & Modularization
- Diagnostic Skills
- Reactive-Swift (RxSwift) & React-Native
- Unit Test Cases
- UX/UI Design Skills
- Reverse Engineering

## Work History

### Software Engineer - iOS

**PhonePe** – Pune, Maharashtra, India

Jan/2019 to Present

<https://phonepe.com>

- Forking projects.
- Upgrading iOS application with new UI & features.

### iOS Game Developer

**YOOZOO GAMES** – Pune, Maharashtra, India

Oct/2018 to Jan/2019

<https://yoozoo.com>

- Fixed bugs. That's it.

### Lead iOS Developer

**CellPoint Mobile** – Pune, Maharashtra, India

Jan/2017 to Oct/2018

<https://cellpointmobile.com>

- Developed iOS and maintained Android native apps for Airline industry.
- Updated and maintained existing iOS & Android frameworks, which used to carry out network operation.
- Interacted with globally accepted payment gateways and third-party wallets.

### iOS, Android & Python Developer

**Self (Start-up)** – Indore, Madhya Pradesh, India

Jun/2016 to Dec/2016

<https://itsji10dra.com>

- Designed UI/UX.
- Learnt Android & Python from very basic.
- Written iOS, Android & Server application and hosted it on Amazon Web Service (AWS).
- Made it live within 3 months.

### Senior iOS Developer

**DigiValet (Paragon Business Solutions Ltd.)** – Indore, Madhya Pradesh, India

Apr/2013 to May/2016

<https://digmalet.com>

- Developed iPhone/iPad applications that used to communicate over socket networking with Linux servers.
- Dealt with Linux, Python, PHP, MySQL database throughout the development & production phase.
- Designed and implemented complex applications architecture for the overall product.
- Trained junior members of the team regarding current and past projects.
- Established compatibility with third-party software products by developing the program for modification and integration.

## Education

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**Bachelor of Engineering:** Computer Science, 2009-2013  
**Rajiv Gandhi Technical University** - Bhopal, Madhya Pradesh, India, 462036

**High School Diploma:** 1994-2009  
**St. Thomas School** - Mandsaur, Madhya Pradesh, India, 458001

## Hobbies

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- Driving
- Surf Internet
- Print "Hello World" with new programming languages
- Answer on stackoverflow.com

## Portfolio

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### Personal Apps

- **Redefined Mandsaur**
  - <https://itunes.apple.com/in/app/redefined-mandsaur/id1446172878?mt=8>
  - <https://play.google.com/store/apps/details?id=com.itsji10dra.redefinedmandsaur>

It's an E-commerce application for city Mandsaur. It can sell grocery, cosmetics, food, shoes, cloths almost every day-to-day stuff. Includes features like wallet, promo codes, referrals etc.
- **Socket Tester**
  - <https://itunes.apple.com/in/app/socket-tester/id1263239901>

An app for testing your TCP/IP connection.
- **Siena** (not yet live) 🤖
  - <https://www.linkedin.com/feed/update/urn:li:activity:6476892412441661440>

I personally don't like to describe working of this app in words, kindly check out the video from link above.

### Personal Apps + Open-source

- **FireCache** 🔥
  - <https://github.com/itsji10dra/FireCache>

It is a networking library that fetches and caches images, JSON, string data via HTTP in Swift and is flexible to be extended to custom types. Includes example app as well as test-cases.
- **RetailStore**
  - <https://github.com/itsji10dra/RetailStore>

A template shopping iOS application with basic component like categories, products, product description, cart & profile. It also caches items added to cart to Realm database, so that cart could be made available on next app launch.
- **FamilyTree**
  - <https://github.com/itsji10dra/FamilyTree>

A family-tree app including backend server written in Django Python, along with documentation and video demonstrating functionality of overall product. User can add, update, delete any of its family member directly from app as well as backend dashboard & can directly see results.

### Apps for Companies

- **PhonePe**
  - <https://itunes.apple.com/in/app/phonepe-indias-payments-app/id1170055821?mt=8>

It's a payment app used by millions of daily active users. It works over the Unified Payments Interface (UPI) platform developed by the National Payments Corporation of India (NPCI).

List of feature it include:

  - Send and request money from your contacts anytime, anywhere.
  - Recharge any prepaid Mobile/Datacard/DTH connections across the country
  - Pay postpaid Landline, Datacard and mobile bills for all major operators

- Pay for utilities such as electricity and gas bills
- Split bills with your friends and settle them right away
- Get instant refunds and cashbacks from partner merchants into your PhonePe wallet.
- Top up your wallet using your UPI enabled bank account or a debit card to make lightning fast payments to your friends, family or even an everyday payment.
- One-click payment using your PhonePe account at any of merchant partner locations
- Available in 11 different regional language.
- **CasaDigi**
  - <https://itunes.apple.com/in/app/casadigi-intelligent-home/id1071678375?mt=8>
- **CasaDigi for iPhone**
  - <https://itunes.apple.com/in/app/casadigi-for-iphone/id1022288100?mt=8>

Both of this application communicates with Linux server using socket communication (TCP/IP) to perform automation of Lights, AC, TV, Music, Movies etc.
- **DigiValet**
  - <https://itunes.apple.com/in/developer/paragon-business-solutions-ltd/id566328788?mt=8>

More than 20+ apps running live on App Store. List of features they include:

  - Automation of stuffs like Lights, AC, TV, DVD etc.
  - On demand Music and Movies
  - In room dining, to order food from iPad
  - Customized YouTube (YouTube v3 API integration)
  - Worldwide weather information (Weather API integration)
  - Flights information (Flights Stats API integration)
  - Cinema booking integration
  - Alarm application
  - Offline world clock
  - Currency converter
  - Door Camera on iPad (streaming JPEG feed)
  - Audio/Video SIP calling using VOIP (using open-source software `Linphone`)
  - Prayer direction application
  - Apple & Google maps integration with directions functionality.
- **Philippines Airlines**
  - <https://itunes.apple.com/us/app/philippine-airlines/id1331377431?mt=8>
- **SaudiGulf Airlines**
  - <https://itunes.apple.com/us/app/saudigulf/id1395846519?mt=8>
- **Malindo Air**
  - <https://itunes.apple.com/in/app/malindo-air/id921544095?mt=8>

List of features they include:

  - Book flight tickets (external system Sabre & Amadeus).
  - Online check-in.
  - Select desired seat (from seat-map), baggage and additional travel ancillaries.
  - Make payment.
  - Manage past bookings.
- **mRetail Framework**
  - A private framework written in Objective-C, that can be integrated using CocoaPods.
  - It offers products that user can purchase and can carry out checkout operation.
  - It is made so flexible, that same classes handle product for Metro train domain, Cinema domain and Airline domain.
  - Communicates using Http + XML.
- **mPoint Framework**
  - A private framework written in Objective-C, that can be integrated using CocoaPods.
  - Its only function is to checkout by making payment for products purchased via mRetail.
  - Supports checkout using VISA, Master Card, Amex Card etc.
  - It can store user's card-detail using standard encryption.

- Also allows user to pay via third party wallets like Ali-Express, Amazon Pay, WeChat, Apple Pay, Android Pay etc.
- Communicates using Http + XML.
- **mProfile Framework**
  - A private framework written in Swift, that can be integrated using CocoaPods.
  - It is responsible for storing user profile data who is interacting with mRetail and mPoint.
  - Data including general information, address, documents etc.
  - Communicates using Http + JSON.
- **mPoint Framework - Swift**
  - Same Objective-C framework re-written in Swift, with the power of functional programming.
  - Communicates using Http + XML/JSON.

## Architecture (Design Patterns)

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- Redux
- MVVM
- MVC

## Add-ons

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- Agile/Scrum Planning
- RxSwift + ReSwift
- XCTest/OCMock/Nimble
- Realm
- Firebase/Fabric
- CocoaPods/Carthage
- Alamofire
- Analytics
- JTAppleCalendar
- Codable/XMLMapper
- Swift Lint

And many more (of course depending on project requirement).

## Tools Used

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- Jenkins
- Jira
- GitHub, Bit Bucket, Stash
- Fastlane
- Source Tree
- Instrument/Profiler
- Test Flight
- Crashlytics

## Stack Overflow

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Present stat:

- 3600+ reputation
- 3 Gold 🏆
- 30 Silver 🥈
- 53 Bronze 🥉

However, this stat only increases when my employer keeps me free in office.

## Additional Information

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After celebrating my farewell at DigiValet, I just sat at my home and started writing an E-commerce app for my hometown, which was as an idea in my mind from past few months, its name is 'Redefined Mandsaur' (initially 'Mandsaur - On Your Finger Tips'). I made it live on AppStore & PlayStore. I never made an Android app professionally before, but when it comes to writing my app I did it. Also, I never wrote Python professionally before, but it comes to write a server for my app, I did it too. Not just this, I hosted my server on Amazon Web Service. My app is running live in on both the stores and is serving my city. I have received approx. 10k+ downloads (iOS + Android) and still counting. So, when it comes to starting my own business, I not just wrote in Swift, but also Java and Python. That's a brief of my best work. My business is running fine, I have my people to look after it. But since I am a programmer, which I chose to be at first place and I love writing code, I want to continue my career as a programmer. However, also it's better to be a good programmer then to be a bad businessman.