

## Sajan Gandhi

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### Objective

Looking forward to a bright future in such organization where I can have an opportunity to nourish the organization with my Technical Expertise, Programming & Development skills as well as Logical and Analytical power to make it more fertile to achieve all organizational goals.

### Professional Synopsis

- ✓ **Total 7.7 years** of hands-on experience in working as an iOS Application Developer which includes strong exposure in developing large scale enterprise applications having challenging functionalities in Swift & Objective C languages for iOS devices.
- ✓ Worked as a Sr. iOS Developer in **DRC Systems Ltd, Ahmedabad** since **June 2015**.
- ✓ Worked as an iOS Developer with **Priya Softweb Solutions, Ahmedabad** from **Feb 2013 to May 2015**.

### Professional Skills & Expertise

#### ➤ iOS Development

- ✓ Strong Knowledge of Swift, Objective C, Cocoa Touch framework, XCode
- ✓ Extensive knowledge of using different design patterns in Swift & Objective C like MVC, Singleton, Extension, Delegation etc.
- ✓ Sound knowledge in working with SQLite, Realm database
- ✓ Expertise in JSON, XML parsing and have knowledge of parsing RSS feeds using XML parsing.
- ✓ Strong understanding of building iOS application that utilize web-services (SOAP, Rest based)
- ✓ Experience in developing a thorough native iOS Apps for different orientations.
- ✓ Experience in creating well-defined iPhone/iPad User Interfaces using the auto layouts.
- ✓ Hands on experience in working with iOS frameworks such as Core Location, Core Animation, Core Graphics and Core Text etc.
- ✓ Knowledge in developing iPhone/iPad universal apps.
- ✓ Experience with third-party libraries, SDKs and APIs
- ✓ Have integrated payment gateways like Cashfree, Authorize.net, PayTM, Braintree

#### ➤ Client Communication & Project Management:

- ✓ Planning the project from conception to implementation
- ✓ Prepare the cost estimation & timeline
- ✓ Prepare the deliverables & milestones list
- ✓ Communicating with the client, technical team, third-party APIs providers, the operation team & other stakeholders.
- ✓ Explain the business & functional logic to the technical team
- ✓ Guide the technical team to troubleshoot any technical issues

## Technical Skills

<b>Programming Languages</b>	Swift, Objective
<b>Knowledge of Other Programming Languages</b>	C, C & C++, Shell Scripting, Java, VB 6.0, VB.NET 2008, php 5.3.5, ASP.NET 2008, MFC Windows Programming
<b>Database Systems</b>	Realm, Sqlite, Oracle (PL/SQL), My SQL, MS SQL Server 2008, MS Access
<b>Mobile Technologies</b>	Cocoa touch frameworks, Xcode, iOS 14.0 and below versions.
<b>Web Technologies and Designing Tools</b>	Html, CSS, XML, JSP, Javascript, JQuery plug-in integration, MS FrontPage
<b>Package Applications</b>	Microsoft Office XP/2003/2007, MS VISIO 2000, Crystal Report 8.5
<b>Multimedia Tools</b>	Macromedia Flash MX/8, Adobe Photoshop CS
<b>CMS Framework</b>	Joomla (Joomla 2.5.4, Joomla 1.7.3)

## Academic Credentials

- **M.C.A (Master of Computer Applications)**  
**University:** Gujarat University. **Year of passing:** 2011  
**College / Institute:** GLSICT, Ahmedabad.
- **B.C.A (Bachelor of Computer Applications)**  
**University:** Gujarat University. **Year of passing:** 2007  
**College / Institute:** H.L.I.C.A., Ahmedabad.
- **H.S.C. (12<sup>th</sup> Std.)**  
**Board:** Gujarat Board **Year of passing:** 2004  
**School:** Vishwa Vidhyalaya, Ahmedabad.
- **S.S.C. (10<sup>th</sup> Std.)**  
**Board:** Gujarat Board **Year of passing:** 2002  
**School:** Vishwa Vidhyalaya, Ahmedabad.

## Projects

### ➤ **ABI CareMatch**

**Description:** ABI CareMatch app allows the clients of ABI CareMatch to find a carer for the different care receivers within the app and invite them for the care call. The app also allows the carer to receive the opportunity for the care call and accept the offer to the client. Once the carer & client gets agreed on the care call offer then the opportunity will be listed on the ROTA. The app has different features like Messages, Custom Calendar, Push notification, Video Chat etc.

✓ **Platform** : iOS 12 & above

✓ **Language** : "Swift 5.0"

✓ **Special Features** : Scan the documents, the offline mode support, live one-to-one and group chat using XMPP Framework, scan QR for tag-in & tag-out, custom calendar for ROTA.

### ➤ **Dumoulin**

**Description:** Dumoulin app lists out the different projects of the client where the client can view the project related documents. The client can also scan the business card to add their contacts with the product details. The app uses iOS native OCR library to scan the text from the business card photo and set it in the contact form. The app also has offline & multi-lingual support.

✓ **Platform** : iOS 12.0 & above

✓ **Language** : "Swift 4.2"

✓ **Special Features** : Use VisionKit and Vision iOS framework (OCR) to scan the business card and recognize the texts on it, multi-lingual support, offline mode support.

### ➤ **Tarrakki**

**Description:** Tarrakki app is developed to deliver the different mutual funds products to the clients. The client will be able to open a mutual fund account with eKYC, the bank mandate as well as make the SIP or lumpsum transaction for any mutual fund available. The client will be able to filter the fund from the list in the app. The app will also let the clients set a goal, choose the investment strategy & view the fund details. The app will also recommend the funds based on the selected goal or the investment strategy. The app also contains different features like Touch ID, the signature view to draw a signature, the payment APIs.

- ✓ **Platform** : iOS 11.0 & above
- ✓ **Language** : "Swift 4.2"
- ✓ **Special Features** : Scan the documents, Cashfree Payment Gateway Integration, Calculate the fund returns, Support Chat Module etc.

➤ **Edelmetall (iPad App)**

**Description:** Edelmetall app is developed for the personnel of Edelmetall-Golf who takes the golf club fitting orders from their customers. It allows the personnel to see the customer details, add a new customer, enter the fitting details, build the clubs by choosing a shaft, grip and head. It also helps the personnel to pick up the suitable shaft, grip and head for the clubs by showing the shaft, head and grip data in tabular form. The user can also use the app in offline mode once all the static data are synced initially. It has various features like signature view to draw signature, generating order receipt automatically based on the selection of club, shaft & grips etc.

- ✓ **Platform** : iOS 10.0 & above
- ✓ **Language** : "Swift 4.0"
- ✓ **Special Features** : AES 128 encryption all sync data, MD5 hash generation for authorization token, Data syncing.

➤ **Amri Fashions (iPhone App)**

**Description:** Amri Fashion app is an e-commerce app developed to sell the women's clothes. It includes all various modules like category wise product listing, product filters, product details, add to carts, checkout, order tracking etc. It has different features like a carousel slider for the advertisement banner, social login, localization etc.

- ✓ **Platform** : iOS10.0 & above
- ✓ **Language** : "Swift 4.0"
- ✓ **Special Features** : Payform Payment Integration, Magento APIs Integration.

➤ **Pranaam GVK (iPhone App)**

**Description:** Pranaam GVK app lets the travelers to book Pranaam GVK lounge at Mumbai International Airport. It also allows the users to see the flights & booking details and purchase add-on facilities. It has various features like social login & sign-up, accordion slide-menu etc.

- ✓ **Platform** : iOS 9.3 & Above
- ✓ **Language** : "Swift 3.1"
- ✓ **Special Features** : Accordion slide-menu, Third-party API integration for the flight details etc.

➤ **Axiom Telecom (iPhone App)**

**Description:** This is an e-commerce app which is developed to sell smartphones, mobile gadgets etc. It includes all e-commerce features. This was a maintenance project so we made changes in a few screens, implemented localization, integrated Google Analytics using GTM & Betaout to integrate push notification & track few events like login, add to cart, remove from cart, make purchase etc.

- ✓ **Platform** : iOS 9.0, 10.0
- ✓ **Language** : "Swift 3.0"
- ✓ **Special Features** : Google Analytics using GTM, Betaout integration to track e-commerce events and push notification, localization.

➤ **Bamboo (iPhone App)**

**Description:** Bamboo App acts like a mobile chat bot which notifies users for the nearby events, shows morning greetings, weather information etc. The user can also react to the bamboo's suggestions like they are talking with a bot and can get events details, images and react to it by attending or sharing it.

- ✓ **Platform** : iOS 9.0, 10.0
- ✓ **Language** : "Swift 2.3"
- ✓ **Back-End** : Realm
- ✓ **Special Features** : Chat Bot, Use buttons to book restaurants and cab, Store events history offline and preserve its last state, Bamboo filter options animation.

➤ **E-HAIL DRIVER (iPhone App)**

**Description:** E-HAIL DRIVER is developed to provide a platform to taxi drivers & taxi companies around the world to register and receive hails from the rider of their cities. It lets them accept or cancel hail, see rider's details, calculate & display

distance & time to arrive at pick up location, pick up & drop off and display trip history. It also updates real-time location to the server.

- ✓ **Platform** : iOS 8.0, 9.0, 10.0
- ✓ **Language** : "Objective C"
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Background Push notification, last state preservation, location update in background.

#### ➤ **E-HAIL (iPhone App)**

**Description:** E-HAIL app lets the riders around the world to register to hail the taxi, see taxi around his location and receive fare accepted notification, see taxi driving toward him on the map, see driver's details, taxi's distance from pick up location & time, get fare information and display receipt at the end of trip. It also allows rides to rate and provide feedback for the app, driver & vehicle.

- ✓ **Platform** : iOS 8.0, 9.0, 10.0
- ✓ **Language** : "Objective C"
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Drive the taxi icon towards the streets on the map, Background Push notification, last state preservation, location update in background.

#### ➤ **SBA NYPD (iPhone App)**

**Description:** This app was developed for NYPD sergeants which provides them information about NYPD directors, leaderships & their duty schedule, frontline magazine, latest video messages from the president, alert notification from admin, salary charts etc.

- ✓ **Platform** : iOS 7.0, 8.0, 9.0
- ✓ **Language** : "Objective C"
- ✓ **Special Features** : Custom calendar to showcase duty schedule with different color codes.

#### ➤ **Winkflash - BookBuilder (iPad App)**

**Description:** This is an iPad app which helps creating & saving photo albums with different layouts, colors, clip arts and other effects. The user can also order the created book for printing. This app has special features page turn animation to turn page, dragging images, layouts to albums, adding clip arts and editing it, image gallery, swapping pages & photos within gallery, photo editor, text editor in album etc, add to cart, payment functionality etc

- ✓ **Platform** : iOS 6.0, 7.0 & 7.1
- ✓ **Language** : "Objective C"
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : XForm to place images in different layouts, Cobra file parsing, draggable collection view, page view controller, inserting clip arts.

#### ➤ **American Backflow Prevention – Field Service Management App (iPad App)**

**Description:** This is a Field Service Management app we developed for American backflow prevention company. It helps testers who go to sites to test & repair devices to view Work orders assigned to him and enter the device & different test information and send test reports to the client. It has different features like Map with different annotations to see work order, soap base web service integration, push notification, different device tests with lots of validations, print PDFs with wifi printer, print labels with Bluetooth label printers etc.

- ✓ **Platform** : iOS 7.0, 8.0 & above
- ✓ **Language** : "Objective C"
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Print Labels with Bluetooth printer, print PDF through wifi printers.

#### ➤ **RTC – Survey Report Creation**

**Description:** RTC is an app which lets users create surveys about planning and installation of retail stores which has around 15-16 forms which are filled by users to generate survey reports. It has features like image gallery, image editing tool, image picker to capture or choose image from ipad gallery, report PDF creation.

- ✓ **Platform** : iOS 6.0 & below
- ✓ **Language** : "Objective C"
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Creating report PDF, image editing tool

➤ **Pioneer Valley Books – Book Reading App (iPad App)**

**Description:** It is a book purchasing and reading the books within the app. It has functionalities like In app purchase to purchase the books within the app, book reading with sound play, split view controller to display list of books.

- ✓ **Platform** : iOS 7.1 & below
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : In App Purchase, playing sound files

➤ **Boehringer Ingelheim (iPad App)**

**Description:** It is an app which brings the healthcare data of different companies of Boehringer Ingelheim group from a web server and displays these data in Tabular form and creates an detailed excel field of it. It has a special feature to create an excel file with different formatting and effects like merging, colors in different cells.

- ✓ **Platform** : iOS 6.0, 7.0 & 7.1
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Excel file creation using **xlslib** framework.

➤ **Softweb Solution – Promotion App**

**Description:** This app was developed to promote products and services of Soft web Solutions which is a US based IT Company. It has features like Map View, image gallery, display pdf, play videos, compose and send mails and different attractive UIView animations.

- ✓ **Platform** : iOS 6.0, 7.0 & 7.1
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Image Gallery with full screen, Video playing, compose and send mail

➤ **BevBucks – (iPhone App)**

**Description:** BevBucks helps users find exciting offers in bar, restaurants nearby their location. Also users can redeem vouchers & track vouchers by location and expiration date. There are functionalities like geofence to notify users for offers in the current region, social networks, authorized.net payment gateway integrated in the app.

- ✓ **Platform** : iOS 6.0,7.0, 8.0 & above
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Geofence integration, authorize.net payment gateway integration

➤ **Molex HR – HR Solution (iPad App)**

**Description:** This app provides HR solutions for Molex. It keeps all records of all human resources of Molex. It has soap based web service integration & Good MDM integration.

- ✓ **Platform** : iOS 5.1, 6.0, 7.0, 7.1
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Good MDM integration

➤ **CallAway Golf (iPhone/iPad Universal App)**

**Description:** This app is a catalogue app which showcases different golf related products of CallAway Golf. It has functionalities like accordion menu, flurry analytics and dynamic web view.

- ✓ **Platform** : iOS 7.0, 8.0 & above
- ✓ **Language** : “Objective C”
- ✓ **Back-End** : SQLite
- ✓ **Special Features** : Flurry analytics integration, accordion menu

## Academic Projects

➤ **Website for Share Advisory Company (Duration – 6<sup>th</sup> Semester)**

The project was the part of our last semester project of MCA. It is a website which was created for a Share Advisory Company using Joomla CMS framework and it contains modules like Live Chat Support, User Login, Free Trial, Newsletter Registration and User Manager. The admin panel was also created for the website so the admin can update the website and manage the contents of the Website, embed the document on any page of the website and mail the newsletters etc.

- ✓ **CMS Framework** : "Joomla 1.5.23"
- ✓ **Language** : "php 5.3.5"
- ✓ **Back-End** : Mysql 5.5.8
- ✓ **Web Server** : xampp 1.7.4

➤ **Dissertation on "Fingerprint Recognition Techniques" (Duration – 5<sup>th</sup> Semester)**

The dissertation was part of our curriculum for the 5th Semester. It contains detailed study on different Fingerprint Recognition algorithms and also the study of a popular Fingerprint application and its working. I also studied different Biometric Techniques like physical and logical biometrics.

➤ **Inventory Management System for Medical Store (Duration – 3<sup>rd</sup> Semester)**

The application was part of our curriculum for the 3rd Semester project. It contains different basic modules needed for inventory management such as purchase, sales, customer details, vendor details, Medicine etc. and generates the reports needed for each module according to search criteria.

- ✓ **Language:** "Java"
- ✓ **Back-End:** File System (Binary Files)

➤ **Job Portal (Duration – 3<sup>rd</sup> Semester)**

The project was a web application given as our curriculum for the 3rd Semester project. It contains different modules like client registration, candidate registration, user login etc.

- ✓ **Front-End:** "ASP.NET"
- ✓ **Back-End:** MS SQL Server 2005

➤ **Railway Reservation System (Duration – 2<sup>nd</sup> Semester)**

The project was part of the curriculum of the 2nd Semester project. It contains different modules of railway ticket booking such as train, passenger, station, reservation etc.

- ✓ **Language:** "C++"
- ✓ **Back-End:** File System (Binary Files)

➤ **Mailing System (Duration – 1<sup>st</sup> Semester)**

This C application was part of the curriculum of the 1st Semester project. It contains simple modules like insert, search, modify, save, load of address of different persons which also allows you to create groups.

- ✓ **Language:** "C"
- ✓ **Back-End:** File System (Binary Files)

➤ **Inventory Management Software (IMS) (Duration – TYBCA)**

This Software was part of the System Development Project (SDP) in TYBCA. This project contains all the modules of Inventory Systems like Purchase, Sales, Orders, Payments, Purchase Return, Sales Returns, Item, Employee, Suppliers and Customer. It manages transactions with different types of Customers and Suppliers like Franchise, Retailer, Dealers and Distributors. It also generates Bill, Challan notes and all types of generalized reports for each module.

- ✓ **Language:** "VB 6.0"
- ✓ **Back-End:** MS Access

## Personal Details

<b>Address</b>	201, Kalash Enclave, ST. Xavier's Ladies Hostel Lane, Swastik Society, Navrangpura, Ahmedabad – 380 009. Gujarat India
<b>Date of Birth</b>	14 <sup>th</sup> July, 1987
<b>Gender</b>	Male
<b>Marital Status</b>	Married
<b>Languages Known</b>	English, Gujarati, Hindi
<b>Nationality</b>	Indian
<b>Mother Tongue</b>	Gujarati

**Other Interests**

- ✓ Exploring new technologies
- ✓ Reading different kinds of books and magazines
- ✓ Watching movies, playing different sports

**Declaration**

I here declare that information furnished above is true to the best of my Knowledge.

**Place:**

**Date :**

**(Sajan Gandhi)**