**Mahendra Singh Chouhan**

**iOS developer**

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**CAREER OBJECTIVE:**

Building long-term relationship with an organization which offers me learning and growth and at the same time utilizes my potential and skills in the field I am working. Seeking excellence in the chosen professional fields through self motivation, hard work and augmentation of core skills required for effectively delivering the goods.

**PROFESSIONAL PROFILE:**

Professional with around 5 years of experience in software design and development in iOS mobile platforms. Able to clearly articulate and effectively communicate ideas, problems, and solutions with individuals at all levels. Design application architecture, data flow and interact with client to understand requirement. Ability to handle multiple tasks and work independently as well as in a team. Possesses excellent analytical, excellent inter-personal skills, problem solving and learning skills as well as a keen interest in the emerging technologies.

* Proficient in native iOS development (Objective-C)
* Excellent working knowledge of Xcode.
* Experience with Swift.
* Work on bug fixing and improving application performance.
* Experience working with Blocks, delegates and notification center.
* Experience in handling performance and memory of Apps via profiling.
* Solid understanding of the full iOS development life cycle.
* Experience with third-party libraries and APIs like: AFNetworking, SDWebImage, GPUImage, SocketRocket, MBProgressHUD, AsyncImageView, VRG Calendar, SWRevealViewController, SVPullToRefresh, PNChart, MK Store, INTULocationManager, SBJSON, HMSegmentedControl, ShareKit, AdMob Ads, iAd ads, PDF Reader, fb login, twitter login, instagram share, whatsapp share, QR Code Creator, QR Code Scanner, Reachability, RTMP Player, MPMoviePlayerController, AVAudioSession, UserVoice SDK, Mailchimp Newsletter
* Experience in designing iOS apps having complex UI supporting both iPhone and iPad layout, also should have good understanding of Storyboards.
* Experience with Cocoa Touch frameworks and mobile user interface design
* Experience with Core Location, Push Notifications (UrbanAirship, Parse, Push Apps and APNS using dedicated server and php script), In-App Purchase, Sqlite.
* Strong skills in object oriented programming and software design
* Experience developing and distributing applications via enterprise channels or public app stores
* Excellent knowledge of working with dynamic data (e.g., JSON, XML) through various interface types (e.g., REST, SOAP)

**Developer Tool:** Xcode

**Languages:** Objective C, Swift.

**Operating systems:** Mac OS X.

**Others:** PHP, JavaScript, Ajax, HTML, Adobe Photoshop.

**PROFESSIONAL EXPERIENCE:**

1. **iOS App Developer** at Expert Cyber Pvt. Ltd. [http://www.expertcyber.net](http://www.expertcyber.net/)

6 June, 2011 – 31 July, 2016

**Expert Cyber** is a web and mobile apps development company, offering technology solutions to enterprises, digital agencies and start-ups. It began in 2008, and since inception it has gained the confidence of their clients by offering efficiency, quality and reliability in all offshore jobs.

1. **iOS Team Lead** at Your It Team.<http://www.youritteam.in>

6 June, 2011 – 31 July, 2016

**YourItTeam** is a part of **Core Techies Pvt. Ltd. Bikaner** and is a Java, web and mobile apps development company, offering technology solutions to enterprises, digital agencies and start-ups. It began in 2013, and since inception it has gained the confidence of their clients by offering efficiency, quality and reliability in all offshore jobs.

**Projects Undertaken for Expert Cyber**

**Role:** Developer

**Technology:** Objective C

1. **weCam**  
   **Team size:** 3  
   **Description:** This is my first application. I used AVFoundation framework to present live effects over camera. There are several effects in this app like Overlay effect, Blending effect and Some core pixel processing based effects.  
   **Frameworks and API’s:** AVFoundation, CoreGraphics, ShareKit.  
   [**http://itunes.apple.com/in/app/wecam/id454170723?mt=8**](http://itunes.apple.com/in/app/wecam/id454170723?mt=8)
2. **PerfectBrideAndRing   
   Team size:** 2  
   **Description:** Another image processing app. In this app there is good use of paged uiscrollview and view animations. Masking of uiimage done to get the result image. [**http://itunes.apple.com/in/app/perfect-bride-and-ring/id468454775?mt=8**](http://itunes.apple.com/in/app/perfect-bride-and-ring/id468454775?mt=8)
3. **MyNature Tree Guide   
   Team size:** 2  
   **Description:** MyNature Tree Guide is a app with heavy or rich database. In this app i used sqlite database to store and fetch data. To represent the data and images i used uitableview and uiscrollview.  
   [**http://itunes.apple.com/us/app/mynature-tree-guide/id377452068?mt=8**](http://itunes.apple.com/us/app/mynature-tree-guide/id377452068?mt=8)
4. **Find a Kosher Restaurant  
   Team size:** 2  
   **Description:** This app is to check the Kosher restaurants in the nearby location or in the selected location. The things i implemented in this app are UITableview, Paginated Scrollview, MapKit Framework, Rest API, Custom Segmented Control, facebook integration.  
   [**https://itunes.apple.com/us/app/find-a-kosher-restaurant/id669409577?mt=8**](https://itunes.apple.com/us/app/find-a-kosher-restaurant/id669409577?mt=8)
5. **Off The Books  
   Team size:** 2  
   **Description:** This is a accounts related app. A good customization of UITableView is done and Sqlite Database is used. Simple UIView and UItableview Based app.  
   [**https://itunes.apple.com/jo/app/off-the-books/id458866308?mt=8**](https://itunes.apple.com/jo/app/off-the-books/id458866308?mt=8)
6. **PRO Area Calculator   
   Team size:** 2  
   **Description:** This application calculate the area of the 4 most common shapes and have the units converted instantly to sq. inches, sq. feet, sq. millimeters & sq. meters. View and mathematical calculation based application.  
   [**http://itunes.apple.com/us/app/pro-area-calculator/id463311023?mt=8**](http://itunes.apple.com/us/app/pro-area-calculator/id463311023?mt=8)
7. **Rehabtx Timer   
   Team size:** 2  
   **Description:** Rehab Treatment Timer is an effective and easy to use app to record exact time of therapy services provided in compliance with CMS( Centers of Medicare and Medicaid Services) regulations.  
   [**https://itunes.apple.com/us/app/rehab-treatment-timer/id844281044?mt=8**](https://itunes.apple.com/us/app/rehab-treatment-timer/id844281044?mt=8)
8. **Simple indian food lite   
   Team size:** 3  
   **Description:** Table-view and local database based application which shows recipe by category and details of each recipe and recipe video and image gallery. Limited videos and limited recipes in this lite version.  
   [**https://itunes.apple.com/in/app/simple-indian-food-lite/id596441938?mt=8**](https://itunes.apple.com/in/app/simple-indian-food-lite/id596441938?mt=8)
9. **Simple indian food pro   
   Team size:** 3  
   **Description:** Table-view and local database based application which shows recipe by category aaand details of each recipe and recipe video and image gallery. All recipes and videos.  
   [**https://itunes.apple.com/in/app/simple-indian-food-pro/id596446528?mt=8**](https://itunes.apple.com/in/app/simple-indian-food-pro/id596446528?mt=8)
10. **Smart Card Mobile   
    Team size:** 3  
    **Description:** UITableView based app which sync data from live server and send user card details to server. User get offers from the stores when card registered with the app. A good use of background sync applied in the app over NSURLConnection.  
    [**https://itunes.apple.com/us/app/smart-card-mobile/id545088189?mt=8**](https://itunes.apple.com/us/app/smart-card-mobile/id545088189?mt=8)
11. **Discover Limo   
    Team size:** 3  
    **Description:** App for booking limo. UITableView,UIDatePicker,UIPicker based app which does registration in steps and then send mail to limo company about registration and a confirmation mail to user.  
    [**https://itunes.apple.com/hk/app/discover-limo/id544642327?mt=8**](https://itunes.apple.com/hk/app/discover-limo/id544642327?mt=8)
12. **Fonebook App  
    Team size:** 4  
    **Description:** Fonebook is a Social Platform to Share Contact Information in One Place Share Your Contact Profile or Create a Contact Page for Your Business Celebrate Events with Style  
    [**https://itunes.apple.com/us/app/fonebook/id863025273?ls=1&mt=8**](https://itunes.apple.com/us/app/fonebook/id863025273?ls=1&mt=8)
13. **Health Assess  
    Team size:** 4  
    **Description:** iOS 8 and storyboard based quiz app. Main features are sqlite database and fb, twitter integration.  
    [**https://itunes.apple.com/us/app/healthassess/id930352443?mt=8**](https://itunes.apple.com/us/app/healthassess/id930352443?mt=8)
14. **Lactation Exam Flashcards from Breastfeeding Outlook  
    Team size:** 2  
    **Description:** Scrollview based iPhone and iPad app including in App Purchases.  
    [**https://itunes.apple.com/us/app/lactation-exam-flashcards/id1039619967?mt=8**](https://itunes.apple.com/us/app/lactation-exam-flashcards/id1039619967?mt=8)
15. **LDS Guess the Words   
    Team size:** 2  
    **Description:** view based iPhone quiz app including in app purchase   
    [**https://itunes.apple.com/vn/app/lds-guess-the-words/id1024620693?mt=8**](https://itunes.apple.com/vn/app/lds-guess-the-words/id1024620693?mt=8)
16. **Whack Punter Guru  
    Team size:** 2  
    **Description:** It is a app to search out the best tips for you to get a win over the bookies.  
    It is table view based app including Line, bar and pie charts.   
    [**https://itunes.apple.com/tm/app/whack-punter-guru/id1024069134?mt=8**](https://itunes.apple.com/tm/app/whack-punter-guru/id1024069134?mt=8)
17. **LDS Hymn Game  
    Team size:** 2  
    **Description:** This is a quiz app for children to listen songs and identify the name from the four options given. The things i implemented in this app are UITableview, Sqlite database, Slider Menu, AVAudio Player.   
    [**https://itunes.apple.com/us/app/lds-hymn-game/id1032787466?mt=8**](https://itunes.apple.com/us/app/lds-hymn-game/id1032787466?mt=8)
18. **LDS Christlike Attributes Missionary Activity  
    Team size:** 2  
    **Description:** This is app to see the christlike attributes and user can select any score anf final score will be calculated on the basis of average calculation. App is based on UItableview, uiscrollview and uinavigationcontroller. Mailchimp newsletter also implemented.   
    [**https://itunes.apple.com/us/app/lds-christlike-attributes/id1073035536?mt=8**](https://itunes.apple.com/us/app/lds-christlike-attributes/id1073035536?mt=8)
19. **Big Brains  
    Team size:** 2  
    **Description:** This is a quiz app which show a single quote and show four images as option. User can select single image as answer and then proceed to see result. If correct answer it shows success with +5 points and on wrong answer it shows -2 with failure screen. App includes facebook and Twitter login   
    [**https://itunes.apple.com/us/app/lds-christlike-attributes/id1073035536?mt=8**](https://itunes.apple.com/us/app/lds-christlike-attributes/id1073035536?mt=8)
20. **CATion  
    Team size:** 2  
    **Description:** CATion is a simple app that allows you to add a custom caption to cat pictures. No longer do you have to post boring pictures on your social networks. Give your friends a little something extra by including cute pictures of cats with a funny title, a caring message, or a meaningful title. Once you're done making your meaningful CATion, sharing your new work is dead simple. With just a few taps to the screen you can email your photos to friends or family, upload to Facebook, upload to twitter, upload to Instagram, or just save it in the CATion library. Facebook, twitter, instagram share included in app. UserVoice SDK implemented too.  
    [**https://itunes.apple.com/jo/app/cation/id1112869667?mt=8**](https://itunes.apple.com/jo/app/cation/id1112869667?mt=8)
21. **Mr. Pickle's Quotes & Facts  
    Team size:** 2  
    **Description:** Mr. Pickle's Quotes and Facts is a fun app that provides you with entertaining facts and inspiring quotes. With this app you will be able to share your favorite quotes and facts by adding them to any image and sending them via a text or Facebook. Let Mr. Pickle be your guide in discovering wisdom, entertainment, and the insane. App can share given quots with friends via facebook, email and SMS. or user can take a photo and set quote message over image via Core Graphics and then share image with friends via facebook, email or SMS. app also implemented UserVoiceSDK.  
    [**https://itunes.apple.com/jo/app/mr.-pickles-quotes-facts/id1112868817?mt=8**](https://itunes.apple.com/jo/app/mr.-pickles-quotes-facts/id1112868817?mt=8)
22. **BB Priority  
    Team size:** 2  
    **Description:** An enterprise app for the sales representatives to download the products manual and products videos to show their customers. MpMovieplayer to play video and a PDF Reader library used to show manual's PDF file.  
    Enterprise app, not available on store.
23. **Cheap Beer  
    Team size:** 2  
    **Description:** App is useful to see the cheap deals of the liquor in nearby locations. Anyone can register himself with app and can put deals for others, After admin approval the deal will be available. Rest API is used to fetch the data in form of XML. Facebook and Twitter Login implemented.
24. **Living Coloring Book  
    Team size:** 2  
    **Description:** It is an iPad app for children to fill different colors in the given row images after completion of the drawing the app will show the original colored image and then app will play the video file of that particular image. Coregraphics is used to drawing on image and mpmovieplayer to play the video.
25. **FunCam App  
    Team size:** 2  
    **Description:** iPhone app for the photo effects, some features of the app are crop, rotate, brightness, contrast, many photo blending and pixel effects, custom frames for the image, stickers on the image with pinch zoom and rotate. GPU image and Core graphics used in this app.
26. **Flipmup App  
    Team size:** 2  
    **Description:** It is a iPhone game in which user needs to match two cards which are flipped. If user successfully matched two cards then both cards will disappeared. A timer based game.
27. **Ice Cream Man Finder  
    Team size:** 2  
    **Description:** This is a iPhone app used by the the company for its customers. Company gave this app to its icecream man. When some user wants to eat ice cream, they search the nearest ice cream man and assign a icecream job to them. User will be registered as an ice cream man or a customer.
28. **Kittik  
    Team size:** 2  
    **Description:** It is a Social app. User can register and make people friends with them, they can make their profile public and private. They can create personal events and invite friends. They can broadcast events for their location. They can chat with friends, and can chat with nearby persons as anonymous chat.
29. **LDSK Video App  
    Team size:** 2  
    **Description:** This is an iPhone app to stream videos from client’s server and there is an in App Purchase to purchase particular video or full package.
30. **Liqui deals App  
    Team size:** 2  
    **Description:** iPhone to see the liquor deals with different categories. REST api is used to get the XML data. This app is to see the nearby liquor deals. The things i implemented in this app are UISegmentedControl, Rest API, Slider Menu, UITableView and some UIView Animations.
31. **Pramometer App  
    Team size:** 2  
    **Description:** It is a location manager based iPhone app to check the calories burned by running. This app shows the graphical views of the calories burned by user, app will show the path of every run on map and manages the speed of the user.
32. **Regent App  
    Team size:** 2  
    **Description:** This is a shopping cart app to show the Products from server and the data comes from SOAP request in json format. Payment gateway also implemented in the app. Barcode scanner is used to fetch the particular product details from server.
33. **Vata App  
    Team size:** 2  
    **Description:** This app create a contact card, which contains details for the user like phone, address, email etc. user can send contract cards to other users via email and the others can open that card from email to the iphone app to access the card data. The card is only readable via app. iPhone addressbook used in this app.
34. **The zigsa Tracking  
    Team size:** 2  
    **Description:** This is a courier company app to upload tracking details of packets. They can add the products using barcode scanner, a physical scanner device used with app to scan barcodes. User can upload tracking details from this app. From other app users can track these packets details uploaded.
35. **Power Cargo  
    Team size:** 2  
    **Description:** This app is the customer app for the zigsa tracking admin app. Via this app users can track their packets position or status.
36. **Total Cargo  
    Team size:** 2  
    **Description:** This app is one other customer app for the zigsa tracking admin app. Via this app users can track their packets position or status.
37. **Perfect Bride and Rings  
    Team size:** 2  
    **Description:** This app is a fun app to create a bride. In this app user can select different type of skins, hairs, eyes, lips, nose, earrings, dresses etc.
38. **A Plus Limo  
    Team size:** 2  
    **Description:** App for booking limo. UITableView,UIDatePicker,UIPicker based app which does registration in steps and then send mail to limo company about registration and a confirmation mail to user.
39. **Reserve & GO  
    Team size:** 2  
    **Description:** App for booking limo. UITableView,UIDatePicker,UIPicker based app which does registration in steps and then send mail to limo company about registration and a confirmation mail to user.
40. **Project Guide Book  
    Team size:** 2  
    **Description:** This app is a guide for the rock climbers. This app has a lot of details about the climbing areas and the climbing routes. User can upload their personal photographs and draw their comments on the photos. User can draw on the blank white image and guide other climbers. User can save their favorite areas and routes in the ticklist section. User can show the areas and routes on maps too.
41. **Sakhaa App (Dentist App)  
    Team size:** 2  
    **Description:** This is a app for the dentist’s to handle all the details of their patients and the payments details of their patients. App sync app the appointments data and patients records and their payment details and insurance company details from the sever. App shows all the appointments in the calendar. By clicking date dentist can check all his appointments and then check the status of the appointments are canceled or not. Dentist can check all the payment details like pending payments received payments and can check any fraud if exists.
42. **Dog Face App (Dentist App)  
    Team size:** 2  
    **Description:** This is a image based app where user can select any dog image and then capture image in the given face frame. Then after processing there will be a image with dog face.
43. **Cat Face App (Dentist App)  
    Team size:** 2  
    **Description:** This is a image based app where user can select any cat image and then capture image in the given face frame. Then after processing there will be a image with cat face.
44. **Prediction app  
    Team size:** 2  
    **Description:** This app is a magic kind of app. Main theme of the app is that first put your cell be back upside then ask someone to say any number between 1 and 8 and then rotate iPhone with the directed speed and the direction mentioned, and the app will show the same number they said. This app uses gyroscope and accelerometer to get any number you want to show.
45. **Bikaner Fresh  
    Team size:** 2  
    **Description:** This app is created for the local market shopping. This is a shopping app fetch products from server and show in uicollectionview. User can add items to the cart. User need to register to checkout for final purchase. OTP verification is implemented in this app. After making order, user can check order history and user can track his last order status.
46. **Shell Long Induction App  
    Team size:** 2  
    **Description:** This is a iPad enterprise app. App basically for an Australian company shell, This app is used by the company for their visitors with the instructions and safety tips. App is like a slideshow with some animations and app will play videos one by one without user interaction. User must need to view these safety tips and instructions videos. This app for the full visit. Mpmovieplayer used to play videos.
47. **Shell Short Induction App  
    Team size:** 2  
    **Description:** This is a iPad enterprise app. App basically for an Australian company shell, This app is used by the company for their visitors with the instructions and safety tips. App is like a slideshow with some animations and app will play videos one by one without user interaction. User must need to view these safety tips and instructions videos. This app for the short visit. Mpmovieplayer used to play videos.
48. **WonderWheel App  
    Team size:** 2  
    **Description:** This is a iPad quiz app. App show a wheel with eight sections with one pointer, each section show a category. When user press the start button, the wheel will rotate and when wheel stops, the pointer will show a category and the app show the questions related with the category selected.
49. **Pointbank App  
    Team size:** 2  
    **Description:** This is a iPhone app. App is used as a loyalty card for the different stores. App can scan loyalty cards of different stores and user can use the single app to purchase from different stores without carrying multiple cards.
50. **1300 Auto App  
    Team size:** 2  
    **Description:** This is a iPhone app. App is used for the inspection of the houses in australian company. App has login for the inspection authority. Then the inspector can fetch his tasks by selecting date from calendar and then he will select any property for inspection. After inspection he can sync inspection with server or save locally for later sync.

**Projects Undertaken for YIT or Core Techies**

**Role:** Developer and Team Lead

**Technology:** Objective C

1. **Bassgold**  
   **Team size:** 1  
   **Description:** This is my first application in Core Techies. UITabBarController based app where i used custom tabs and app data is all depends on API which is written in .NET. Api is all about passing JSON data as row data, No form data used. I had used local sqlite database to store data.
2. **vTrack360 Owner App   
   Team size:** 1  
   **Description:** This is a vehicle tracking app like uber. All the location data comes from a device placed in vehicle, which send data to database and after that app will fetch all location data from API. The major thing is done in this app is the vehicle movement. All the vehicle turns right and left as the real vehicle turns like uber app.
3. **Guardian App   
   Team size:** 1  
   **Description:** This app is a part of vTrack app. This app is also a tracking app but it is for parents. Guardians can track school owner’s vehicles to watch their child and this app uses in app purchases to subscribe.
4. **Seekaboo App  
   Team size:** 2  
   **Description:** Is is a logical app to track friend with their location without using maps. We need to show a camera to user to find his friend like Pokemon Go app. App will make someone’s phone contacts as his friend if they are app users like whatsapp friends. An arrow will indicate the friends direction over camera and user has to move in arrow direction.
5. **CardMate App  
   Team size:** 2  
   **Description:** This app is to manage credit cards for expenses. This app is actually done by my teammate and managed by me. App done with swift 3 and is a simple table view based app to show data from API and to store data via API.
6. **Toodit App   
   Team size:** 2  
   **Description:** This app is to order food from different outlets of any mall registered with app. This app is actually done by my teammate and managed by me. App done with swift 3 and is a simple table view based app to show data from API and to store data via API. Payment is done using instamojo payment gateway which is totally based on web interface. No iOS SDK available.

**EDUCATION:**

B.Tech. In Computer Science with 68.96% from Rajasthan Technical University, Kota in the year of 2011.

**PERSONAL PROFILE:**

Father’s Name : Vikram Singh Chouhan

Mother’s Name : Vinod Kanwar

Date of Birth : 14-01-1990

Marital Status : Married