



# Madhavi Solanki

CEO & Mobile Developer



- <http://cyphertree.com/staff/madhavi-solanki/>
- <https://github.com/madhavisolanki>
- <https://angel.co/madhavi-solanki>
- <https://www.upwork.com/o/profiles/users/~0104d3fabb8b237d4d/>

## Experience

iOS app development : 8 years  
 Android development : 2 years  
 Mobile UI/UX : 4 years  
 Team development : 4 years  
 Objective-c : 7 years  
 Swift : 3 years  
 RxSwift : 1 year  
 Digital Marketing : 8 months

## Education

Bachelor's of science in Information Technology from Mumbai University, India.  
 Digital Marketing, General Assembly, Melbourne, Australia.  
 Certification in Core banking & Employee Benefits US.

## Expertise

<b>Third party</b>	Facebook, FQL, Twitter, Yammer, Dropbox, YQL, Google: Places, Maps, Reverse geocoding, calendar, GData, AdMob, Instagram, Firebase.
<b>Authentication &amp; Encryption</b>	OAuth, AES 256, SHA1, MD5 and Common Crypto.
<b>Framework</b>	CoreData, Mapkit, CoreLocation, MediaPlayer, MessageUI, Quartzcore, StoreKit, AudioToolBox, CoreGraphics, UIKit, Security, Address book and AVFoundation, Photos, Foundation, UIKit, WebKit, SafariServices, Accelerate, CoreBluetooth, OpenAL, PhotosUI, Social, SpriteKit, CFNetwork
<b>Version Control</b>	SVN, CVS, BitBucket, GIT and Mercurial
<b>Design Patterns</b>	MVC, MVVM, Façade, Observational, KVO, Singleton, Factory, Decorator, Composite and State.
<b>Language</b>	Objective-C, C and C++ and Swift.
<b>Apple services</b>	Local/Push notification, In – App purchase, testing in app purchase. Connecting to peripheral device using Bluetooth, connecting to Airprint and itunes file sharing.
<b>Hybrid</b>	Trigger IO and Corodova.
<b>Depedency</b>	Coco pods and maven
<b>Testing</b>	UI Automation, Xctest, Selenium

## Portfolio



### Incident Changer

The IncidentChanger allows companies to start using their mobile phones for the logging and registration of work related incidents, accidents and near misses. Issues are submitted to a web application. See our website for details.

### Responsibilites

My responsibility was to develop and test the complete app. Understand requirement and suggest better UX. Writing documentation, writing test cases. Understand the API structure. Lead mobile team both Android and iOS. Creating reusable components and creating private pods. Work on Trigger IO. This is hybrid application.

<https://www.safetychanger.com/>



### English Central

This app helps to learn, read and write english through video. This app is widely used among japense and chinese people. There technologies like voice detection and language detection used.

### Responsibilites

My responsibility was to develop and test the complete app. Create Libraries for other developer to use. We created a private coco pods library for other developer to use reusable components of this app.

<https://www.englishcentral.com/videos>



### Shorty the striker - Kurz der kicker

An engaging, interactive story about football, winning and losing, trying hard and not giving up, and about the longest kick in history.

### Responsibilites

My responsibilities were to develop and test complete app for iPad. Created game using CAKeyFrameAnimation and Acceleration. Used different transition and Core Animation techniques. Used MPMoviePlayer and Audio Tool box.

<https://itunes.apple.com/app/kurz-der-kicker-lite/id409320994?mt=8&ign-mpt=uo%3D4>



### Social Schools

A social school is platform, which connects teacher students and parents. Its has web and mobile application. Sochools and create account on socialschools, create community add members. Add teacher, parents and student. Share all type of media also receive push notification for urgent post.

### Responsibilites

My responsibility was to develop and test the complete app. Understand requirement, suggest better UX and Designing UI for the app. For both iOS & Android.

<https://play.google.com/store/apps/details?id=nl.changer.socialschools&hl=en>  
<https://itunes.apple.com/nl/app/social-schools/id708223200?mt=8>

## Links of app I have worked on

- <https://www.safetychanger.com/app-download/>
- <https://www.englishcentral.com/videos>
- <https://www.safetychanger.com/app-download/>
- <http://www.ipad-schule.ch/apps/kurzderkicker/>
- <https://play.google.com/store/apps/details?id=com.xoriant.gillidanda&hl=en>
- <https://itunes.apple.com/bf/app/upside-offers/id573734715?mt=8>
- <https://www.bubblup.com/>
- <http://www.luxpresso.com/news-accessories/flip-through-the-ipad-menu-at-koh/2360>
- <https://itunes.apple.com/in/app/adcb/id547172388?mt=8>
- <https://itunes.apple.com/us/app/gogo-entertainment/id1021721629?mt=8>
- <https://itunes.apple.com/in/app/barclays-mobile-banking/id536248734?mt=8>
- <https://itunes.apple.com/app/workterra/id540314841?mt=8>
- <https://itunes.apple.com/US/app/id522416347?mt=8>