**Chandrasekar K**

**AGE : 33**

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**LOCATION :**

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# CAREER OBJECTIVE:

To be associated with a progressive organization, which can provide me with a dynamic work sphere to extract my inherent skills as a professional, use and develop my aptitude to further the organization’s objectives and also attain my career targets in the progress.

# PROFESSIONAL SUMMARY:

* 3 + years of IT experience in **Android mobile application development**.
* Extensive experience in understanding Android architecture, design principles and design support for multiple screens with various resolutions in android.
* Designed and developed **10 Android applications, 1 Widget (OEM’s, Play store, client side)** and **2 Android**

**application** of own interest.

* Shipped 3 system apps to different OEM’s like **Panasonic**, **Intex**, **LAVA**, **XOLO, Micromax** and **Coolpad** with **20 Million user base** as a single team player**.**
* Excellent knowledge on **Error Tracking Tool (Redmine), Defect Tracking Tool (Bugzilla) and git.**
* Known for debugging, writing efficient, maintainable and reusable code that preserves privacy and security to optimize the performance of Android applications.
* Provided oversight, mentorship to a small team of developers and maintained technical specifications

reports pertaining to application development process using **Producteev Task Management Software** and **Asana**. **PROFESSIONAL QUALIFICATIONS:**

* B.E in Electrical and Electronics Engineering in **Sree Sastha College of Engineering**, Affiliated to Anna university, Chennai with 7.0 aggregate in 2013.

# CAREER PROFILE:

* Working as a Senior Android Developer at **Cube26 India Pvt Ltd,** New Delhi - December 2015 to till date.
* Worked as a Technical Analyst (Android) at **Strobilanthes Technology Solutions,** Chennai - July 2013 to December 2015.

# AREAS OF EXPERTISE:

* Expertise in developing Android applications with **Material design** and **Restful web services**.
* Designing real time UI layouts to adopt different sizes of android device.
* High level knowledge in **Retrofit** and **Android security later using HTTPS, SSLSessionCache, Encryption.**
* Hands on experience in **GCM** and **Android Notification builder.**
* Excellent knowledge in **JSON**, **GSON**, **BSON**, **Message Pack**, **Volley**, **ion**, **Google Cloud Messaging (GCM)**, **Firebase Cloud Messaging (FCM)**, **Notification builder**, **Glide**, **SQLite**, **SnappyDB**, **Google Analytics**, **Fabric**, **EventBus**,

## Otto, UniversalImage Loader, Picasso, Google Maps-v2, Roboguice, Android annotations, Butter knife, OCR, Social Integrations (Facebook, Google plus, twitter), etc…

* Good knowledge in handling hardware devices like Bluetooth printer, Thermal printer (mPos), NFC enabled devices for

Credit/Debit card transaction, Square devices for Mobile payments, Finger print scanner for user registration, Custom Android Tablet Kiosk.

* Excellent knowledge in Android SDK and NDT tools using Eclipse and Android Studio IDE.
* Object Oriented Programming Concepts and design patterns.
* Have basic knowledge in iOS Development.
* Have good knowledge in WordPress.

## Project 1: REOS Message - Spam Free SMS

Reos Message is a smart messenger App that offers the best defence against spam and junk SMS/message and makes your SMS /chat & MMS experience simple, keeps your data safe and gives you instant access to right information.

https://play.google.com/store/apps/details?id=com.cube26.osp.message

## Project 2: Reos Camera: Art & Beauty

Reos Camera is a solution to all your camera needs. It discovers your selfies perfect with the beauty mode, image filters to apply awesome effect to shots and Video & Timelapse for completing your video experience.

https://play.google.com/store/apps/details?id=com.cube26.osp.camera

## Project 3: Reos Music: MP3, Video & Radio

Reos music player combines features such as smart lyrics, identifies music from Youtube, plays song from radio stations based on the language preference and effective search to song the particular song in the millions of category.

https://play.google.com/store/apps/details?id=com.cube26.osp.music

## Project 4: Reos Lite

Reos Lite is a smartphone-controlled, bluetooth enabled Smart LED Bulb. It provides features like Music Sync, Call/SMS alerts, Schedule/Timer, Weather alerts, Social Alerts.

https://play.google.com/store/apps/details?id=com.cube26.iota.smartlite

## Project 5: HTTPLibrary (Custom Library)

Worked as a Single Team player to handle network calls for in house projects and OEM’s for 8 million user base.

**Tasks Performed:** Customized Retrofit, Network Interceptor, GSON, OkHttp and created a wrapper out of it to handle GET, POST, Post Analytics, Upload and Download any form of file with high level security using encryption, HTTPS, response and request cache, GZip and SSLSessionCache with **SPDY** and **HTTP/2.0**, data merging to optimize the number of service calls and offline access when the user is not connected into internet.

## Achievements:

1. First person in the Android community to post a solution for **HTTPS** and **SSL** handling for client side for Retrofit v2.0.
2. Contributed to RetrofitPlus open source library and Square Retrofit for HTTPS handling and data upload.

## Project 6: Android Widget with Notification Library (Custom Library)

Developed this library as a single team player and customized Android Notification builder with different types of notification content layout behavior with successful 8 million GCM user base for 12 million Android 4.4 and above devices for **OEM’s.**

## Project 7: Forrestii – Social App

Forrestii - Socializing business card is a trust powered referral concept mobile application which helps people to find the required business people based on the user’s entered Location and through friend's referral. It connects business people on the go by implementing **Shake N Share** feature to share contact information, location and skill set of the individual through various sharing options like Email, SMS, Bluetooth, Social share (Facebook, Twitter, etc.,).

## Project 8: Nutans T+ Patient

Product description:

Nutans T+ is a Smart Table which provides one-stop-solution for medical specialists. The Smart Table synchronizes doctor-patient appointments in real-time and helps in integrating various lab reports by unifying patient history, diagnosis and follow up.

Project description:

Nutans T+ Patient is an app for patients to schedule and fix their appointments, view prescription details, report datas and can able to track nutrition and calorie level. It also helps patients to communicate with doctor through Email, SMS, Video call, and Voice call.

## Project 9: Nutans T+ Doctor

Nutans T+ Doctor is a customized for doctors to track patient details, patient records, last visits, and previous diagnosis datas. This app helps doctors to track their surgery date, outpatient consultancy timings and no of slots booked for current date, week and month.

## Project 10: UTOO

UTOO is a cab booking application where the user can book cabs of their own preference. The cab provides features like In car Entertainment, Beacons for quick book, free foods and snacks at particular location.

https://play.google.com/store/apps/details?id=com.utoo.customer

# OPEN SOURCE CONTRIBUTIONS AND ACHIEVEMENTS:

* Have authored and contributed many repositories in github.

**Github URL:** <https://github.com/TakeoffAndroid>

* Articles are acknowledged and chosen popular item in <https://android-arsenal.com/>

**Arsenal Profile:** https://android-arsenal.com/user/TakeoffAndroid

## Arsenal URL's:

Facebook-VideoChatHeads https://android-arsenal.com/details/1/4733 AndroidMVPAuthenticationBoilerPlate <https://android-arsenal.com/details/3/4557> URLLinkView https://android-arsenal.com/details/1/3398

SeatBookingRecyclerView https://android-arsenal.com/details/1/3144

MaterialDialogSearchView <https://android-arsenal.com/details/1/2589>

CustomSnackbar https://android-arsenal.com/details/1/2659

AppIntroAnimation [https://android-arsenal.com/details/3/2226](http://android-arsenal.com/details/3/2226) MultiSelectRecyclerGalleryGridView https://android-arsenal.com/details/1/1975 MaterialCircleProgressBar https://android-arsenal.com/details/1/1977 MaterialDialogBottomSheet [https://android-arsenal.com/details/1/2057](http://android-arsenal.com/details/1/2057) MaterialPercentDrawer <https://android-arsenal.com/details/3/2752> MaterialPagerRecyclerGridView https://android-arsenal.com/details/3/2619 IconColorChanger https://android-arsenal.com/details/1/1976

SpannableTextView [https://android-arsenal.com/details/1/1978](http://android-arsenal.com/details/1/1978)

* Have blog and posted tutorials for various custom, dynamic views and design patterns in android

**Blog URL:** <http://takeoffandroid.com/>

## Google Play URL:

ZappShare - <https://play.google.com/store/apps/details?id=com.takeoffandroid.zappshare&hl=en> ZappPaint - https://play.google.com/store/apps/details?id=com.takeoffandroid.zapppaint