# Pranjal Khunger

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## Skills

- Android
- Kotlin
- JAVA
- Angular
- Ionic Framework
- Typescript
- Data Structures
- SQL

## Experience

**KaHa Technologies (Cove)**, Bengaluru

Android Developer (August 2019-Present)

1. **Covid- Social Distancing Module**
   Module created for social distance and contact tracing feature in kotlin.

   - BLE Advertsing used for advertising service UUID and name of the device
   - BluetoothLeScanner used for scanning the device
   - Runs in the background as well even after the app is killed using singleton class
   - Scanned device with service UUID as filter and condition of a range of rssi values is stored in db with time duration spent and then sending to the server, hence clearing the database

2. **Monk Smart Watch**
   Developing app for full touch smart watch, where various data related to person's health can be displayed like step data, sleep data, heart rate data etc.

   - Scanning and connection of of BLE devices
   - Syncing of the data from the watch and storing in database
   - Extracting data from database and displaying in the app including history data
   - Setting vibration alarm and sedentary alarm for the user

**TACT**, Lucknow

Junior Software Developer (November 2017-August 2019)

1. **Kumbh 2019 Mobile App**
   Independently developed an official app for Kumbh event 2019 for UP Governemnt. This app was developed in **ionic framework (ionic version 3.20.0)**. This app contains information about Kumbh Mela and its events with Prayagraj information and history. It also has an additional feature which shows the status of lost people in Kumbh event on the basis of information given by the police department. It has **55,000+ downloads** and counting.

- Integrated application with third party API.
- Used ionic cordova Chooser plugin for File Choosing, FCM Push Plugin and LocalNotification plugin for push notification, Socialsharing plugin and CordovaYoutubeVideoPlayer plugin for playing youtube video within the app.
- Used ionic version 3.20.0.
- Worked on angular along with typescript and HTML
- Used Visual Studio Code.
- This app is developed both for Android and iOS.

2. **Nagrey Nikay Survey App**
Developed in native android for Ministry of Local Bodies (Nagar Nikay). This app is created to manage, maintain records, track citizens and their related information at a single place. This application stores citizen information in terms of property details, geo-tagging, property areas floor wise, population information and government properties etc. with the help of Survey forms and relatable attachment like image, reports etc.

- Google Transliterate API for converting typed text into Hindi language.
- Used Retrofit for integration of API.
- Used Android Studio.

3. **Agra-Lucknow Expressway Mobile App**
Developed with a team of 2 people in native Android for UPEIDA (Uttar Pradesh Expressways Industrial Development Authority).This app contains logging of incident, gives an alert for over-speeding of the vehicle and locates nearby places like ATMs, restaurants, petrol pump and toilets etc. in Agra-Lucknow expressway.

- Used Retrofit for integration of API for data.
- Used google API.
- Used Android Studio.
- Worked on JAVA and XML.

4. **Incredible India**
Incredible India is android app developed for Ministry of Tourism. It contains all the information regarding India and cities that includes food, culture etc.

- Worked on layout and designing of version 2.0

## Education

- **SRMCEM**                                                                        Lucknow,India
  *B.Tech in Computer Science with percentage of 70*                                  *2013 - 2017*

## Achievements

1260 rank in TCS Codevita out of 20k+ participants  . . . . . . . . . . . . . . . . . . . . . . . 2016