1. Playlist of building a location aware android app (with code) - <https://www.youtube.com/playlist?list=PLfuE3hOAeWha_Rn6B0czpILnfYU4Mm7Fm>

# Saving User GPS Coordinates in a Database <https://www.youtube.com/watch?v=4V8l9iqAaNU>

1. [Google Maps and Google Directions API](https://www.youtube.com/playlist?list=PLgCYzUzKIBE-SZUrVOsbYMzH7tPigT3gi)
2. [How to Use Android Firebase](https://www.youtube.com/playlist?list=PLgCYzUzKIBE_cyEsXgIcwC3P8ipvlSFd_)
3. Autocomplete location  
   <https://www.youtube.com/watch?v=YArPkVxaN9A>
4. Drawing a polygon of any color on google map  
   <https://www.youtube.com/watch?v=_Sx45CbBsoA>
5. Firebase update of location  
   <https://programmerworld.co/android/create-location-tracking-android-app-by-exchanging-location-information-over-firebase-database/>
6. Geofencing using multiple locations

<https://www.youtube.com/watch?v=CwxdfamaCrk>

1. In this video you will learn how to [#create](https://www.youtube.com/results?search_query=%23create) and [#monitor](https://www.youtube.com/results?search_query=%23monitor) [#geofences](https://www.youtube.com/results?search_query=%23geofences). We will be using google maps to create a point of interest by using long press on map, this will create a marker with the required radius for the geofence. Then we will be using the latest and best [#GeofencingClient](https://www.youtube.com/results?search_query=%23GeofencingClient) to create a geofence. The geofence events will be delivered to our own [#BroadcastReceiver](https://www.youtube.com/results?search_query=%23BroadcastReceiver) where we will handle the triggered [#geofence](https://www.youtube.com/results?search_query=%23geofence). The geofence events will be delivered by [#notifications](https://www.youtube.com/results?search_query=%23notifications) (using notification channels)

<https://www.youtube.com/watch?v=nmAtMqljH9M>

Geofencing for defense

<https://www.youtube.com/watch?v=Y-G5sD4LJRY>

<https://www.youtube.com/watch?v=xVvPc_VKyWE>

The right way to build a geofencing app -  
<https://www.mindk.com/blog/build-a-geolocation-app/>