

# JAYKUMAR TARAVIA

Gandhinagar, Gujarat

 +91 8530557470  [jaytaravia@gmail.com](mailto:jaytaravia@gmail.com)  [Jaykumar Taravia](#) [Play Store](#) [LeetCode: Jay Taravia](#)  [Jayt257](#)

## Technical Skills

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**Languages:** Kotlin, Android Sdk, C++, Java, python, JavaScript, Nodejs  
**Tools:** Android Studio, IntelliJ IDEA, VS code, Git/Github, Docker, Postman API, Jupyter Notebook, Eclipse  
**Databases:** Firebase, MySQL, Room Database  
**Other:** Problem Solving, Android Development and DSA

## Education

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**Pandit Deendayal Energy University( Formerly PDEU)** **August 2020 - May 2024**  
*Bachelor of Technology in Computer Engineering(CGPA of 9.75)* *Gujarat, India*  
Courses/electives: Artificial intelligence, Data Mining, Cyber Security, Computer Networks, Operating System, Design and Analysis of Algorithms, Database Management System

## Professional Experience

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- Worked at **ACM(Association for Computing Machinery)** student club at PDEU as a Android developer
- Written an conference paper on Information security (Subject: Security Issues with Web 2.0).
- Summer Intern at eInfochips, Ahmedabad (May 2023 - July 2023)

## Projects

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**News App** | *java, Android Studio, Retrofit, picasso, JSON* | [View Code](#)

- It is a News app that provides different sections for different types of news topic.
- It redirects to web-site or blog of that news article when clicked on any news.

**Chat App** | *Kotlin, Firebase Realtime Database, Firebase Authentication , Android Studio* | [View Code](#)

- It contains login and logout using firebase.
- It enables user to send and receive messages in easier, simpler, and faster way to connect with everyone and it is also easy to use.

**Notes App** | *Kotlin, MVVM, ROOM, Navigation Component, Android Studio* | [View Code](#)

- It displays the list of notes in RecyclerView which is added by the user and can also delete note.
- It uses Room Database for storing user's content.
- It is built using MVVM architecture.

**Weather App** | *Kotlin, Retrofit, Coroutines, Dagger-Hilt, Glide, Android Studio* | [View Code](#)

- It displays various information of city related to weather like temperature, Pressure, Humidity, Wind speed, etc.
- It contains search option to view any city's weather.

**Operating System Simulation Disk Scheduling Algorithm** | *Java Script, CSS , Vs CODE, HTML* | [View Code](#)

- It simulates the disk scheduling algorithm with using javascript
- It also contains graph of the simulation when performed.

**Music Recommendation System** | *python, K-menas clustering algorithm, Spotify dataset, Jupyter Notebook* | [View Code](#)

- It is created using Spotify Dataset.
- In this visualization processes to understand data and done some Exploratory Data Analysis.
- Information from dataset is used to compare different genres and understand their unique differences in sound.

## Leadership and Involvement

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**ACM Student Club of PDEU**

**January 2023 – Present**

*Android Developer Team*

*Gandhinagar, India*

- Involved in backend part of the app with kotlin.

## Certifications

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- \* Completed a Course on **Android Development with Kotlin** on Udemy
- \* Successfully completed **Android development** Course provided by MyCaptain