

EDUCATION

SRI RAMAKRISHNA MISSION VIDYALAYA POLYTECHNIC COLLEGE
Diploma in Mechanical Engineering | **Percentage** : 91.12

Coimbatore,Tamilnadu
June 2018 - March 2021

SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mechanical Engineering | **CGPA** : 8.9

Coimbatore,Tamilnadu
August 2022 - Studing

SKILLS SUMMARY

Language : KOTLIN, JAVA

Tools : Jetpack Compose, DSA, MVVM, Retrofit, Canva, Room, SQLite,GitHub

Platforms : Android Studio,Intellij IDEA

Soft Skills : People Management,Good communication,Critical Thinking,Problem solving

CAREER SUMMARY

Dedicated and skilled engineering student with a passion for **Android development**.Proficient in **Android Studio** and **java**, with a strong foundation in software development principles. Eager to leverage academic knowledge and hands-on experience to contribute to innovative **Android projects**.

PROJECTS

Campus Connect :

January 2024

Developed an Android app for managing leave requests and bus tracking, utilizing **Firebase** for data storage, FCM (**Firebase Cloud Messaging**) for notifications, and **Google Maps API** for location tracking. The app achieved a 30% improvement in administrative efficiency and a 25% reduction in response time for leave approvals. Key features include:

- **Submit leave requests** with **instant notifications** sent to professors for approval.
- View professors' responses on their **mobile devices**.
- Access **real-time bus location** tracking by entering the bus number to view its current location on **Google Maps**.

Note App

March 2024

Developed a **Note-Taking** Android App using **Room Database** and **MVVM architecture** in Android Studio. This project enhanced data persistence and user experience by ensuring efficient note management.

- Creating, updating, and deleting notes with a seamless user interface(**CRUD**).
- Utilizing **Room Database** for efficient data storage and retrieval.
- Implementing MVVM architecture for better code maintainability and scalability.

Weather Today

October 2024

Developed a weather forecasting app using **MVVM** architecture, **Jetpack Compose**, and **Retrofit** to fetch real-time weather data from a **RESTful API**, ensuring a modern and responsive UI with efficient data handling.

Optimized performance by implementing the Repository Pattern, using **LiveData/StateFlow** for real-time updates, and integrating **Coil** for efficient image loading and caching of weather condition icons.

CERTIFICATIONS

Kotlin & Android Studio – Udemy | Learned complete Kotlin and Android development up to advanced level, covering app architecture, UI/UX design, and best practices.

Java Programming – SoloLearn | Gained a strong foundation in Java, covering object-oriented programming, data structures, and algorithms.

Data Structures & Algorithms – Scaler | Developed problem-solving skills and a deep understanding of efficient algorithms for optimized coding.

Business Leadership – Idhayam | Learned key leadership principles, strategic decision-making, and effective team management.