AKSHAT SINGH

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🌐 Portfolio

EDUCATION

Vellore Institute of Technology, Vellore   **2022 - 2026**
B.Tech - Computer Science and Engineering - **CGPA - 9.14**   *Vellore, Tamil Nadu*

MDS Public School   **2020 - 2021**
CBSE - Class XII - **Percentage - 89.4%**   *Udaipur, Rajasthan*

Maharana Mewar Public School   **2018 - 2019**
CBSE - Class X - **Percentage - 94.4%**   *Udaipur, Rajasthan*

TECHNICAL SKILLS

Languages/Database: C++, C, Kotlin, XML, Java, JavaScript, SQL
Technologies/Frameworks: GitHub, Git, Room Database, Retrofit, Firebase, Jetpack Compose, HTML5, CSS3
Coursework/Skills: Data Structures and Algorithms, Object-Oriented Programming System
Developer Tools: VS Code, Android Studio

PROJECTS

ChatConnect: Real-Time Chatroom App ⧉ | Kotlin, Jetpack Compose, Firebase   **Oct,2024**
- Developed a dynamic chatroom platform designed to facilitate **seamless** and **interactive communication**, allowing users to **create, explore, and participate** in real-time conversations.
- With a strong focus on user security and privacy, the platform integrates a **secure authentication system**, enabling users to **sign up and log in effortlessly**. Data integrity is maintained through robust access controls, ensuring a **safe and reliable** environment for communication.
- The intuitive and responsive user interface enhances usability by providing a modern chat experience with customizable features. Users can **send messages instantly**, **manage chatrooms efficiently**, and **engage in discussions without interruptions**.

Recipe App ⧉ | Kotlin, Jetpack Compose, Retrofit   **July,2024**
- **A seamless recipe discovery platform** that fetches and displays food categories and detailed recipes from a remote API, ensuring **smooth navigation** and **structured data representation**.
- Built with **MVVM architecture**, **Retrofit** for efficient network calls, and **Jetpack Compose** for an engaging UI, enabling users to explore recipes effortlessly with **smooth interactions**.

OrganizeX ⧉ | Kotlin, Jetpack Compose, Room Database   **May,2024**
- OrganizeX provides a **structured and efficient way to organize and track items**, ensuring seamless offline accessibility with Room Database for reliable data storage and management.
- The app features a **modern and responsive UI** built with Jetpack Compose, integrating Scaffold layout, a Floating Action Button (FAB), and smooth navigation for an enhanced user experience.
- **MVVM architecture** with ViewModel and Kotlin Coroutines ensures optimized state management, smooth data handling, and UI responsiveness, while **Swipe to Delete and Snackbar notifications** improve usability.

For more of my projects, you can explore the projects section on my website or visit my GitHub repository *(Link)*.

ACHIEVEMENTS

- **Solved 350+ DSA questions on Leetcode, CodeStudio, & GFG Practice.**

CERTIFICATIONS

- **The Complete Android 14 & Kotlin Development Masterclass - Udemy** *(Link)*
- **Learn Machine Learning in 21 Days - Udemy** *(Link)*