Akshat Singh

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EDUCATION

Vellore Institute of Technology(VIT) Bhopal University   CGPA-8.36
Btech Computer Science Engineering   *2022 – 2026*

School of Scholars , Nagpur   79%
CBSE Board 12th   *2022*

School of Scholars , Nagpur   94%
CBSE Board 10th   *2020*

PROJECTS

NewsApp   January – February

- *Kotlin,Jetpack Compose,MVVM Architecture,Retrofit,Coil (Async Image),LiveData and State Management,Room DB,ViewModel.*
- Developed a modern news application using Kotlin and Jetpack Compose with a clean and responsive UI inspired by Google News.
- Integrated NewsAPI with Retrofit to fetch and display top headlines, supporting filters for country, language, and category.
- Implemented MVVM architecture using ViewModel, LiveData, and State for reactive UI updates.
- Enabled dynamic filtering through a bottom sheet UI, allowing users to personalize news content.
- Added favorite and share functionality with persistent state and clipboard integration.
- Built core features like Bottom Navigation, article detail screen, image loading via Coil, and smooth in-app navigation using Navigation Component.

HealthCare app   May – Ongoing

- *Kotlin, Jetpack Compose, Firebase (auth), MVVM, Material Design 3, Navigation Component,git*
- Designing a native Android healthcare application focused on booking doctor appointments and managing lab reports for both sides of userbase (doctors , patients).
- Built core UI screens for user authentication and app features using Jetpack Compose with responsive layouts also incorporation material 3 design elements .
- Made use of Firebase Authentication and Firestore for user login , signpu and file storage , following MVVM principles for clean architecture.
- Focused on accessibility, layout previews for multiple screen sizes, and consistent theming using color resources and typography styles.

TECHNICAL SKILLS

Languages: Java, Python, C++,HTML/CSS, Kotlin
Frameworks: React, Node.js, Flask, Material-UI, FastAPI,Room , Retrofit , Dagger-Hilt
Developer Tools: Git,Github, Amazon Web Services, VS Code, Usb debugging ,Android Studio