

Samkit Jain

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Education

Indian Institute of Information Technology Bhopal

Bachelor of Technology in Information Technology (CGPA: 8.98 / 10.0)

Expected May 2027

Bhopal, Madhya Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (C++), Object-Oriented Programming

Projects

Vichar App(Social Media App) | Android Studio, Firebase, MVVM, Jetpack Compose

- Implemented user authentication using Firebase Authentication for secure login and registration.
- Developed a feature to fetch and display Vichar of people from Firebase Realtime Database.
- Enhanced the user interface to provide a seamless and intuitive experience, incorporating feedback and usability testing.
- Implemented user profile management with the ability to update profile information and display user-specific Vichar.

GeoLog(Internal SIH winner) | Android Studio, GeoCoder, Google Maps API, MVVM, Firebase Auth, Firebase Realtime DB, Work Manager

- User can Sign up and select their office location through google maps API.
- Retrieves the user's current location with both coarse (approximate) and fine (more precise) accuracy levels.
- Calculates distance of users current and office location to punch-in or out their attendance in firebase.
- App uses Work manager to get periodic location updates.

Dictionary App | Android Studio, Retrofit, Room, MVVM, Jetpack Compose

- Developed a Dictionary application using Jetpack Compose, featuring a user-friendly interface for searching word definitions, Different forms and example sentences, with integrated Retrofit for network requests.
- Implemented state management with ViewModel and LiveData, enabling efficient data handling.
- Designed a responsive layout with Compose's MaterialTheme, ensuring seamless user experience across different screen sizes, and managed search history effectively, allowing users to revisit previously searched words.

Technical Skills

Languages : C, C++, Kotlin, Python, HTML, CSS

Technologies : Android Development, Firebase, basic KMP, Android SDK, Jetpack Compose, Retrofit

Concepts : Object-Oriented Programming, Data Structures and Algorithms

Achievements

- Won the internal SIH 2024 competition for my project, GeoLog.
- Secured 6th Position in Coding Contest Organised by Codame club of IIIT Bhopal.
- 2 Star in Codechef.
- Participated In Hacktoberfest 2021.

Social Engagements

Sports-Engagements : Participated in chess for my branch in Sporlumina .