Naveen Singh

Bhopal, MP | 8858653742 | naveen322.singh@gmail.com | LinkedIn: linkedin.com/in/naveen322singh
LeetCode: leetcode.com/u/Naveen322singh | GitHub: github.com/Naveen322singh

Education

VIT Bhopal University   **2022–2026**
B.Tech in Computer Science   *CGPA: 8.62*   *Bhopal, MP*
Sunbeam School Varuna   **2021**
Higher Secondary   *Percentage: 89.8%*   *Varanasi, UP*
Sunbeam School Varuna   **2019**
Secondary   *Percentage: 91.8%*   *Varanasi, UP*

Skills

Programming Languages: Java, Kotlin, Python
Android Development: Android SDK, XML, Coroutines, MVVM, Jetpack Components (LiveData, ViewModel, Navigation), Room, Retrofit, Firebase (Auth, Firestore, Realtime DB), REST APIs
Tools & Platforms: Android Studio, IntelliJ IDEA, VS Code, Git/GitHub, Gradle, MySQL, Firebase Console

Projects

Atmos Horizon | *Kotlin, Retrofit, API, View Binding* | (GitHub)   **August 2025**

- Developed a weather forecasting Android application that integrates the OpenWeatherMap REST API to provide real-time climate data such as temperature, humidity, wind speed, and pressure for cities across the globe.
- Implemented Kotlin Coroutines and Retrofit to handle asynchronous API calls, ensuring responsive UI performance while managing network latency and error handling effectively.
- Designed an adaptive interface using ConstraintLayout and View Binding, enabling dynamic theming, enhanced usability, and improved code safety and maintainability.

Journal App | *Kotlin, Firebase, MVVM, Coroutines* | (GitHub)   **June 2025**

- Built a multimedia journaling application for Android that supports Create, Read, Update, and Delete (CRUD) operations with seamless synchronization through Firebase Authentication and Cloud Firestore.
- Applied the MVVM architecture with LiveData, ViewModel, and Coroutines to improve modularity, maintainability, and resilience of the codebase for long-term scalability.
- Designed a modern UI with Fragments, RecyclerView, and ConstraintLayout, enabling smooth navigation, responsive layouts, and an engaging user experience across devices.

MyNotes | *Kotlin, Room, MVVM, Jetpack Components* | (GitHub)   **May 2025**

- Created a robust note-taking application using Kotlin and Room Persistence Library, supporting full offline CRUD operations along with search, dynamic categorization, and timestamped entries for better data organization.
- Structured the application using the MVVM pattern with ViewModel, LiveData, and DAO layers, resulting in lifecycle-aware components, consistent data flow, and improved testability.
- Implemented a Material Design–based interface optimized for responsiveness, accessibility, and compatibility across multiple Android devices and OS versions.

Achievements & Extracurriculars

- Hackathon at VIT Bhopal – Designed and built a 3D Volume Calculator Android app with dynamic input handling and a user-friendly interface.
- Solved 250+ problems on LeetCode and 100+ problems on GeeksforGeeks, improving data structures, algorithms, and coding proficiency.
- Core Member, IoT Club, VIT Bhopal – Developed Android interfaces for IoT projects and integrated mobile applications with hardware-based sensor systems.
- Badminton Enthusiast – Actively participated in college-level tournaments at VIT Bhopal, fostering discipline, focus, and team spirit.
- Roller Skating – Secured 1st place (Gold Medal) in Sunbeam School Championship.