

# Naveen Singh

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

## Education

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

## Skills

**Programming Languages:** Java, Kotlin, C++  
**Android Development:** XML, MVVM, Dagger Hilt, Retrofit, Coroutines, Room, Firebase, Jetpack Compose  
**Tools & Platforms:** Android Studio, IntelliJ IDEA, VS Code, Git/GitHub, Gradle, Firebase Console

## Projects

<b>Journal App</b>   Kotlin, XML, Firebase, MVVM, Retrofit   Journal App (GitHub)	<b>June 2025</b>
<ul style="list-style-type: none"><li>Developed a full-featured Android journaling app enabling users to perform CRUD operations on multimedia journal entries with real-time sync using Firebase Authentication and Cloud Firestore.</li><li>Architected the app using MVVM and LiveData, enhancing modularity by 50% and reducing crashes by 30%.</li><li>Designed a responsive UI using ConstraintLayout, Fragments, and RecyclerView, enhancing user engagement by 35% with smooth navigation and adaptive layouts.</li><li>Integrated Retrofit and Kotlin Coroutines for efficient asynchronous API communication and background processing.</li></ul>	
<b>MyNotes</b>   Kotlin, Room, MVVM, Jetpack Components   Notes App (GitHub)	<b>May 2025</b>
<ul style="list-style-type: none"><li>Developed a high-performance note-taking app in Kotlin using Room Database, enabling users to perform CRUD operations on 1000+ offline notes with features like dynamic categorization, search, and timestamping.</li><li>Implemented MVVM architecture with ViewModel, LiveData, and ViewModelFactory, ensuring lifecycle-aware, testable, and maintainable code.</li><li>Built a robust DAO (Data Access Object) layer to streamline data operations and support scalable feature additions.</li><li>Designed a modern, responsive UI using Material Design components, ensuring consistent behavior across various screen sizes and Android versions.</li></ul>	
<b>Hospital Management System</b>   Java, Swing, MySQL, JDBC   Hospital Management System (GitHub)	<b>April 2025</b>
<ul style="list-style-type: none"><li>Designed and developed a hospital management system with Java Swing and MySQL, supporting core modules like Patient Registration, Doctor Management, and Appointment Scheduling.</li><li>Implemented Role-Based Access Control (RBAC), ensuring secure, segregated access for different user types and preventing 100% of unauthorized login attempts.</li><li>Streamlined data workflows via an intuitive UI with validation logic, reducing data entry time by 30%.</li><li>Utilized JDBC for seamless communication between the application and MySQL database, ensuring reliable and optimized CRUD operations.</li></ul>	

## Co-curricular Activities

- Participated in a hackathon at VIT Bhopal; developed a 3D Volume Calculator Android app with dynamic input handling and an intuitive UI for efficient volume computation.
- Certified in Android Development – *The Complete Android 15 Course*, Udemy (2025)
- Core Member, IoT Club, VIT Bhopal – Built Android interfaces for IoT-based projects and collaborated on integrating mobile apps with sensor-driven hardware systems.

## Extra-curricular Activities

- Badminton Aficionado – Actively participated in college-level tournaments at VIT Bhopal
- Gold Medalist – Roller Skating – Secured 1st place in Roller Skating Championship, Sunbeam School Varuna
- Tech Enthusiast – Interested in new technologies and gadgets; enjoy trying out the latest tools, apps, and devices to stay up-to-date with tech trends.