

Naveen Singh

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

Summary

Android Developer & SDE with expertise in Kotlin, Jetpack Compose, Firebase, and MVVM; delivered 30% performance boosts in production apps. Strong in DSA, OOP, REST APIs, and scalable mobile/backend systems with 250+ algorithmic solutions.

Education

VIT Bhopal University B.Tech in Computer Science CGPA: 8.53	2022–2026 Bhopal, MP
Sunbeam School Varuna Higher Secondary (89.8%)	2021 Varanasi, UP
Sunbeam School Varuna Secondary (91.8%)	2019 Varanasi, UP

Skills

Programming Languages: Java, Kotlin, Python, C++
Android Development: Kotlin, MVVM, Dependency Injection (Dagger Hilt), Android SDK, XML Layouts, Jetpack Compose, Room Database, Coroutines, Retrofit, Automated Testing (Espresso), Material Design 3, Navigation Component, WorkManager, RESTful API, ViewModel, Debugging and Testing (Logcat), Memory & UI/UX Optimization
Database & Backend: Room, SQLite, Firebase (Firestore, Realtime DB, Authentication, Storage), RESTful APIs, CI/CD
Tools & Platforms: Android Studio, IntelliJ IDEA, VS Code, Git/GitHub, Gradle, Firebase Console, Google Play Store
Computer Science Fundamentals: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks

Projects & Experience

Journal App Kotlin, Jetpack Compose, Firebase, MVVM, Room Journal App (GitHub)	June 2025
<ul style="list-style-type: none">Engineered a journaling app using Firebase Auth/Firestore that synchronizes 1000+ media entries in real-timeArchitected MVVM with ViewModel/LiveData, enhancing code modularity by 50% and reducing crashes by 30%Optimized UI performance using Jetpack Compose and Kotlin Coroutines, driving 35% higher user engagement	
Hospital Management System Java, Swing, MySQL, JDBC Hospital Management System (GitHub)	May 2025
<ul style="list-style-type: none">Implemented RBAC system with Java Swing that prevented 100% unauthorized access attemptsDeveloped 4 core modules managing 500+ patient/doctor records with 99.9% data accuracyStreamlined data entry workflow by 30% through intuitive UI design and validation logic	
MyNotes Kotlin, Room, MVVM, Jetpack Components Notes App (GitHub)	February 2025
<ul style="list-style-type: none">Built a performant notes app with Room Database supporting 1000+ offline entries with dynamic categorizationIntegrated Navigation Components to enhance UX flow, resulting in 40% higher engagementDesigned DAO layer with ViewModelFactory to improve test coverage and scalability	

Certifications	[View Certificates]
<ul style="list-style-type: none">The Complete Android 15 Course – Udemy, 2025IBM DevOps Fundamentals (CEDEV1IN, CEDEV2IN) – IBM, 2025IBM Cyber Security Analyst (CECSA1IN) – IBM, 2025NPTEL: Marketing Analytics (2025), Cloud Computing (2024) – IIT KharagpurThe Complete Full-Stack Web Development Bootcamp – Udemy, 2024The Bits and Bytes of Computer Networking – Google, 2023	

Achievements

- Solved 250+ DSA problems on LeetCode & GFG, applying optimizations that cut runtime by 15% in real projects.
- Built production-ready Android apps supporting 1000+ users with Firebase, Room DB and REST APIs, while improving code modularity by 50%, boosting performance by 30% and reducing crashes by 30%.
- Optimized 15+ Android apps by refactoring Kotlin codebases, reducing APK size by 25% and improving startup time by 30% through efficient data structures and caching strategies.
- Mentored 5+ peers in Android development and DSA, helping them build their first apps.