

PRIYANSHI VISHWAKARMA

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Ghaziabad

ABOUT ME

Android Developer with a focus on building scalable applications using **Kotlin, Jetpack Compose, firebase and MVVM**. Developed a voice-triggered SOS emergency system with live tracking and a personal habit tracker utilizing Room Database for local persistence. Highly proficient in problem-solving, with 500+ problems solved across **LeetCode** and **CodeChef** and a peak LeetCode rating of 1592.

PROJECTS

CityPulse - Smart Civic Reporting App | **Kotlin, Jetpack Compose, Firebase, Hilt**

- Developed a dual-mode platform for citizens and municipal officials to report and resolve local issues in real-time, improving civic communication.
- Integrated Location & Camera APIs for precise issue tracking and implemented an Analytics Dashboard to visualize performance trends and resolution metrics.
- Architected with Hilt DI for modularity, featuring a worker rating system to ensure transparency and accountability in public services.

LifeSaver - Emergency SOS App | **Kotlin, Firebase, Google Maps API**

- Engineered a safety application featuring voice-triggered SOS alerts and real-time location sharing via Firebase Realtime Database.
- Optimized background services to ensure 99.9% reliability for emergency SMS and location broadcasting during critical user events.

TrackEase - Habit Tracker | **Kotlin, Jetpack Compose, Room DB**

- Built a productivity tool utilizing Room Database for offline persistence and Coroutines for smooth, non-blocking UI interactions.
- Designed custom UI components in Compose to visualize user progress through interactive habit-tracking streaks.

SKILLS

Mobile Development - Android SDK, Kotlin, KMP , Jetpack Compose, MVVM, Coroutines, Room DB, Retrofit

Backend Development - Java , Spring Boot, Spring Security, Spring Data JPA, RESTful APIs

Databases - Firebase (Realtime & Firestore), MySQL, PostgreSQL, SQLite

Tools - GitHub, Git, Postman, Android Studio, IntelliJ IDEA, Gradle, Maven

Deployment & Cloud - Docker, AWS (Basics), Firebase Hosting

ACHIEVEMENTS

- Competitive Programming:** Solved 500+ problems across major platforms.
- LeetCode:** Achieved a 1592 Rating, solving 300+ problems focused on advanced Data Structures & Algorithms.
- CodeChef:** Attained a Max Rating of 1311 through consistent participation in competitive contests.
- Codeforces:** Reached a Max Rating of 802.

EXPERIENCE

Android Development Coordinator

CP BYTE club, KIET | Sept 2024 – Present

- Mentored peers on Android development, Kotlin, Jetpack Compose, and MVVM architecture.

EDUCATION

B.Tech (CSE & IT)

KIET Group of Institutions | Expected May 2028

Class 12th

Spring Dales Public School | 91.4% (2024)

Class 10th

Spring Dales Public School | 95.6% (2022)

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