Rajat Dagar

+91-9999173835 | rajat.dagar.official@gmail.com | [LinkedIn](#) | [Github](#) | [Leetcode](#)

Education

Jaypee Institute of Information Technology   Noida, India
Bachelor of Technology - Computer Science   *July 2023 – May 2027*

Technical Skills

Languages: C++, Java, C, Kotlin, HTML, CSS, SQL
Frameworks & Libraries: Jetpack Compose, Android Jetpack (Room, Navigation, LiveData, ViewModel), MVVM, Retrofit, Ktor, Sealed Classes
Developer Tools: Visual Studio, Android Studio, IntelliJ IDEA, Postman, Docker, GitHub, Git
Database: MySQL, PostgreSQL, Room Database (SQLite), MongoDB
Skills: App Development, Backend Development, Data Structures & Algorithms, OOP, DBMS

Projects

Weather App | *Kotlin, Jetpack Compose, MVVM, Retrofit, Coil*   Feb 2025
- Developed a modern Android weather application using **Kotlin** and **Jetpack Compose**.
- Implemented **MVVM architecture** for a clean, scalable code structure.
- Integrated **OpenWeatherMap API** via Retrofit to fetch real-time weather data.
- Used Coil for image loading and sealed classes for robust error handling.

Recipe App | *Kotlin, Retrofit, MVVM, Coil*   Sept 2024
- Built a recipe discovery app using **Kotlin** and **Jetpack Compose**.
- Fetched recipe data dynamically using Retrofit API integration.
- Used Coil for optimized image loading and clean UI.
- Implemented suspend functions, sealed classes, and Parcelable data classes for data handling.

Wishlist App | *Kotlin, Jetpack Compose, Room DB, MVVM*   Nov 2024
- Developed an offline-first Wishlist App using **Room Database (SQLite)**.
- Implemented CRUD functionality with reactive UI using **StateFlow** and LiveData.
- Used **MVVM architecture** to separate concerns and maintain clean code.
- Designed a minimalist yet intuitive interface for better user experience.

DailyPress − News App | *Flutter, NewsAPI, Provider, REST*   July 2025
- Created a cross-platform Flutter app for browsing trending news using NewsAPI.
- Built responsive layouts for web and mobile with reusable UI components.
- Managed state efficiently using **Provider**.
- Integrated HTTP requests for dynamic data and implemented loading/error states gracefully.

Developer Portfolio Website | *Flutter Web, Ktor, MongoDB*   july 2025
- Designed and developed a personal portfolio website using **Flutter Web**.
- Built a Ktor backend to serve project, experience, and contact data dynamically.
- Integrated MongoDB for unstructured data storage.
- Deployed to GitHub showcasing full-stack development expertise.

Experience

Android Developer Intern   June 2025 – July 2025
Unlock Velocity   *On-Site*
- Worked on **Ktor backend development** and Flutter frontend for a cross-platform app.
- Implemented MongoDB and PostgreSQL integration for scalable API endpoints.
- Collaborated with team to connect backend APIs with Flutter frontend.
- Gained hands-on experience with full-stack app development and deployment workflows.