ANKUR GUPTA

📞 +91-9310535213   ✉ ankurg0824@gmail.com   in Ankur_g   ⌭ Ankur2024

SKILLS

Languages | C/C++, Java, Kotlin, JavaScript

Developer Tools | VS Code, GitHub, Android Studio

Tech Stack | Kotlin, Jetpack compose

Cloud/Databases | MongoDB, Firebase

Miscellaneous | Data Structures, Algorithms, Oops

Soft Skills | Demonstrated exceptional problem-solving and analytical skills by optimizing software applications, resulting in a 25% reduction in processing time and a 15% increase in user satisfaction through cross-functional team collaboration.

Coursework | DBMS, OS, Networks.

PROJECTS

BigInt Library - C++ (repo_link)

- **Tools & Technologies Used |** C++, Git, Visual Studio Code, GCC
- **Description |** Developed a C++ library for handling arbitrarily large integers, supporting arithmetic, comparison, and advanced mathematical functions like factorial and Fibonacci.
- **Implementation |** Overloaded operators for arithmetic, input/output, and comparison. Implemented optimized algorithms for large integer operations, handling numbers beyond standard type limits.
- **Performance |** Achieved efficient performance with memory management, tested to handle thousands of digits with minimal resource overhead.

News App (repo_link)

- **Tools & Technologies Used |** Android Studio, Jetpack Compose, Kotlin, Dagger Hilt, News API, Retrofit, Gson Converter, Coroutine, Flow, Navigation, Lifecycle.
- **Description |** Developed a news app that fetches and displays real-time news using News API. Implemented a clean architecture with dependency injection via Dagger Hilt.
- **Performance |** Optimized network calls and UI responsiveness with Coroutine and Flow, ensuring smooth user experience.

Recipe App (repo_link)

- **Tools & Technologies Used |** Android Studio, Kotlin, Coroutines, Flow, Dagger Hilt, Jetpack Compose, Room, Lifecycle, Navigation, Datastore.
- **Description |** Developed a recipe app that provides users with access to a wide variety of recipes using the Spoonacular API.
- **Implementation |** Utilized Dagger Hilt for dependency injection and Room for local data storage. Implemented MVI clean architecture and the repository pattern for efficient data management.

EDUCATION

Jagan Institute Of Management Studies Rohini Sec-5
BCA
August 2022 – Augus 2025
CGPA – 8.7

GSV Lancer Road
Senior Secondary, Commerce (Math)
July 2022
Percentage – 85.6%

Achievements

SIH 2023 Participant
Participated in Smart India Hackathon (SIH) 2023, a national-level inter-hackathon hosted by my college.

Technowhiz 2023 Participant
Participated in Technowhiz, the annual infotech symposiyum, with Mr. Sandeep Jain, CEO & Founder of GeeksforGeeks, as the chief guest held on April 15, 2023. Topic: Evolution of AI based Conversational Systems.

Summer Training in MERN Stack
Completed summer training through JIMS in MERN stack development. Created an e-commerce platform with an insight dashboard and maintainable CSV feature for sellers (repo_link).

INTERESTS

Music | Travelling | Self – Improvement & Explore | Sports (Table Tennis, Chess, Volleyball)