Nikhil Kumar

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- ☎ 6201002265
- ⚲ Hyderabad, India
- in linkedin.com/in/nikhil-kumar-6b60aa235
- 🔗 Portfolio
- ✂ GFG
- ⌁ LeetCode
- ⊙ GitHub

🎓 EDUCATION

M.Tech (Computer Science and Engineering)
National Institute of Technology Durgapur, West Bengal
08/2022 – 05/2024
7.6 CGPA

B.Tech (Computer Science and Engineering)
Ranchi University Ranchi, Jharkhand
08/2017 – 08/2021
7.8 CGPA

📄 CERTIFICATES

Programming in C++ ⌁
NPTEL: 8-week Course

Programming in C ⌁
NPTEL: 8-week Course

Core Java ⌁
Udemy

Android Java and Kotlin ⌁
Udemy

🧠 SKILLS

Programming Languages:
C, C++, Core Java, Kotlin, Jetpack Compose

Web Technologies:
HTML, CSS, Javascript

Database:
MySQL, SQLite

Other:
Data Structures , DBMS, Operating System

Software Tools:
Eqlipse, Android Studio, Visual Studio Code, Postman

💼 PROFESSIONAL EXPERIENCE

VideoGate Technologies Pvt Ltd
Software Engineer
08/2024 – present | Hyderabad, India

- **Developed and implemented** comprehensive user activity tracking, capturing detailed user behavior and interaction data. Utilized **Periodic WorkManager** to automatically send aggregated event data to the server every 24 hours for analysis.
- **Integrated Google AdMob ads** (Banner, Interstitial, and Rewarded Ads) into an OTT Android app to drive monetization while maintaining an optimal user experience.
- **Implemented** video metadata fetching using **Retrofit** in a peer-to-peer video sharing feature, displaying descriptive details of published videos. Used **WorkManager** to sync publish/delete events when offline.
- **Optimized** server storage costs by applying **WebP compression** and downscaling thumbnail images before upload.
- **Worked with JSON Web Tokens** (JWT) for authentication and **JSON Web Encryption** (JWE) to ensure data privacy and integrity.
- **Resolved** various bugs and performance issues.

📁 PROJECTS

Ecommerce App (Jetpack compose) ⌁
08/2025 – Present

- Developed a **Ecommerce Android app** using **Kotlin** and **Jetpack Compose** with a clean, modern UI.
- Implemented **MVVM architecture** with **Hilt DI** and **Room Database** for structured, scalable, and maintainable code.
- Integrated **Firebase** for authentication, real-time data, and cloud storage.
- Added features like **product search**, **category browsing**, **wishlist**, and **cart management** using **Coroutines** for smooth, asynchronous operations.

Expense Tracker App (Android, Kotlin) ⌁
03/2025 – 05/2025

- Developed a personal finance management app enabling users to record and track daily expenses.
- Followed **MVVM architecture** with **Data Binding** and **Flow** for clean, maintainable code.
- Used **Room Database** for local data storage and retrieval
- Added **week**, **month**, and **year filters** to help users view their spending summaries.

Github Search App ⌁
06/2025 – 08/2025

- Android App that allows users to search for GitHub profiles and view their repository.
- Used Kotlin, Jetpack compose, Retrofit