**Aman Singh** 

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# **ACADEMIC DETAILS**

Year	Degree/Exam	Institute
2025	Bachelor of Computer Applications	Indira Grandhi National Open University
2024	BA JMC	SGGR UNIVERSITY
2021	Intermediate	K.S.D.S.R GIC THELA

# **PROJECTS**

- News-Line (March, 2024 May, 2024):
  - Integrated Firebase for secure data storage and real-time updates, enabling dynamic content delivery.
  - Implemented user authentication, allowing personalized experiences and article submissions.
  - Enabled topic filtering and multi-page navigation for intuitive content consumption.
- Expense Tracker App using Jetpack Libraries (June, 2024 July, 2024):
  - Implemented MVVM architecture using Jetpack's ViewModel and LiveData for efficient UI management.
  - o Integrated Room database for offline data storage and synchronization.
- Instagram Clone using Flutter and Firebase (November, 2024 December, 2024):
  - Developed core social media features like posting photos, liking, and following users.
  - Used Firebase Authentication for secure user login and Cloud Firestore for efficient data storage.
  - Designed an engaging UI and implemented real-time updates for seamless user interaction.
  - Integrated Cloudinary for image storage to optimize media handling and performance.
- Cloudinary File Uploader (December, 2024 December, 2024):
  - o Built a user-friendly file upload feature using Cloudinary for image and file storage.
  - Integrated Firebase Authentication for user verification and security.
  - Utilized Cloud Firestore for managing file metadata and seamless data retrieval.

### **TECHNICAL SKILLS**

- Languages: Kotlin, Java, C, Dart
- Mobile Development: Android Development (Jetpack Libraries, REST API), Flutter Development
- Design Patterns: MVVM, MVC
- Data Structures: Proficient in Data Structures in Java
- **Version Control:** Git
- Backend Development: Firebase, REST API, MySQL

#### LEETCODE EXPERIENCE

• Solved 130+ problems on LeetCode, focusing on arrays, strings, matrices, linklist, and math.

# **HOBBIES AND INTERESTS**

- Programming and Software Development
- Learning new technologies and frameworks
- Reading Books