

Mayank Kumar

Alwar, Raj 301001

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PROFESSIONAL SUMMARY

Enthusiastic B.Tech Computer Science (AI & Data Science) student with expertise in Python, C, C++, and Kotlin, along with practical experience in machine learning and deep learning. Skilled in using tools like Android Studio and GitHub for building impactful projects. Demonstrates strong problem-solving, communication, and time-management abilities. Eager to apply technical and analytical skills to real-world challenges in AI, software development, and data-driven roles.

SKILLS

Programming: C, C++, Python, Kotlin

Frameworks: Streamlit

Tools: Android Studio, Firebase, Git

PROJECTS

1. SyncUP - Social Messaging App (Android Studio, Kotlin, Jetpack Compose)

- ❖ Developed a full-stack social media app with real-time 1-to-1/group chat, ephemeral stories, and a follow system using MVVM architecture
- ❖ Integrated Firebase for backend services (Auth, Realtime Database, FCM) and implemented advanced features like message replies, reactions, and seen status.
- ❖ Engineered a unique story creation feature allowing users to add music by searching via the YouTube API.

2. Camera App (Android Studio, Kotlin)

- ❖ Built a custom camera application in Android Studio with features like, photo capture, storage, basic image preview.
- ❖ Used Android Camera API for integrating device camera functionality.

3. Movie Recommendation System

- ❖ Built a content-based recommender using TMDB dataset with Python, Pandas, and cosine similarity.
- ❖ Developed an interactive frontend using Streamlit.

Education

New Saint Thomas Public Sec. School – Alwar, Rajasthan | Completed: 2020

10th RBSE | Percentage: 73.33%

Career Vision Sr. Sec. School – Alwar, Rajasthan | Completed: 2022

12th RBSE | Percentage: 60.60%

Modern Institute of Technology & Research Centre – Alwar, Rajasthan | Expected Graduation: 2026

Bachelor of Technology in Artificial Intelligence and Data Science | GPA: 7.5/10

CERTIFICATIONS

• MACHINE LEARNING, POWER BI AND TABLEAU- Skill Ocean

May 2024 – June 2024

- ❖ Completed training in data analysis, visualization, and predictive modeling, creating dashboards and applying ML algorithms to solve real-world problems

• DEEP LEARNING, NLP AND GPT TECHNOLOGIES - Upflairs Pvt. Ltd.

March 2025 – May 2025

- ❖ Sent automated email notifications on key creation and revocation. Gained hands-on experience with ANN, CNN, and RNN models and built generative AI applications using LangChain, covering data ingestion, embeddings, and vector databases.