Aditya Kumar Gupta

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Date of birth	01-07-2003	**Nationality**	India

LINKS LinkedIn

PROFILE A creative thinker, adept in software development and working with various data structures. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

PROJECTS

Jul, 2023— Dec, 2023   A Music Player Application

Rythmonex

As part of my college final project, I independently developed a **music player application** using **Kotlin**. This project allowed me to apply my Android development skills, including UI design, database management, and integration with external APIs. The app features a clean and intuitive interface, seamless audio playback, and efficient memory management. Through this experience, I gained practical knowledge in software development, problem-solving, and teamwork.

Jan,2023—July,2023   A Cab and Hotel Booking Website

Cabotel

As part of my college final project, I independently developed a **website** using **HTML**, **CSS**, and **Django**. This platform allows users to **book cabs and hotels on the go**, streamlining travel arrangements. I implemented responsive design principles, ensuring seamless user experience across devices. Through this project, I honed my skills in web development, database management, and teamwork

Aug,2020—Oct-2020   A game using Python's Pygame library

Flappy Bird Game

During the lockdown, I independently developed a **Python project using Pygame**. This project involved creating an interactive game/application, demonstrating my proficiency in Python programming, problem-solving, and creativity. By implementing game mechanics, graphics, and user interactions, I strengthened my skills in software development and gained practical experience in a challenging environment

Mar,2019—Mar,2020   A DBMS for School

School DBMS

As part of my **class 12th final project**, I independently developed a **Database Management System (DBMS) project** using **C++**. This project involved designing and implementing a relational database, creating tables, defining relationships, and writing queries for data retrieval and manipulation. Through this experience, I gained practical knowledge in database design, programming, and problem-solving.

Mar,2018—Mar,2019   Math Solver

M-Solver

As part of my learning journey, I independently developed a **C++ project** aimed at solving mathematical equations efficiently. By implementing algorithms and data structures, I enhanced my problem-solving skills and gained practical experience in software development. Through this project, I strengthened my proficiency in C++, mathematical modelling, and logical thinking

EMPLOYMENT HISTORY

Sep, 2022— Sep,2022

Student Organizing Team, Sewa-Pakhwada

I played a key role in the **student organizing team** for the **Sewa-Pakhwada Event**. This community initiative focused on providing **free medical checkups** to underserved populations. Notably, we had the honour of hosting **Smriti Irani**, a distinguished Member of Lok Sabha and former actress, as one of our esteemed Chief Guests. Through this

experience, I demonstrated my event management skills, attention to detail, and commitment to social welfare.

Aug, 2022— Aug,2022

Production Team, MX-Player
Uni Ki Yaari -

I played a key role in the production team for a web series featured on **MX Player**. The series, directed by **Partha Sarathi Manna**, was filmed right on our college campus. My responsibilities included coordinating logistics, managing schedules, and ensuring smooth production operations. Through this experience, I gained practical knowledge in event management, teamwork, and the intricacies of film production.

Sep, 2022— Sep,2022

Spark AR - Hackathon, Meta
Successfully designed and implemented a 3D mask(Venom – Marvel Character) using the **SPARK AR platform**. The filter was accepted and published on Facebook's camera effects, reaching a wide audience. This achievement demonstrates my creativity, technical skills, and ability to deliver innovative solutions. Received recognition in the form of a goodie bag during the hackathon.

SKILLS

Languages – C, C++, Java, Python, Kotlin
DSA, Operating System, DBMS
Development – Android Development, Front-end Web Development
Managerial Skills – Time Management, Managerial Skills, Critical Thinking, Problem Solving, Communication.
Extra – AutoCAD, Video Editing

COURSES

Python – University of Michigan (Coursera)	C++ - Duke University
Discrete Mathematics – NPTEL	Matrix Algebra - Hong Kong University of Sci.& Tech.

EDUCATION

Aug, 2021 – June, 2025	Bachelor of Engineering, Chandigarh University	Chandigarh
April, 2021 –April,2025	12th, Saraswati Vihar School	Saharanpur
April, 2021 –April, 2025	10th, Saraswati Vihar School	Saharanpur

EDUCATION

English   Hindi