

ADITYA KUMAR SINGH

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SUMMARY

Enthusiastic, Hardworking and motivated Computer Science student with a passion for Technology. Eager to apply my knowledge and gain practical experience in Software Development, Data Science and Computer Vision

PROJECTS

Pedestrian Detection from Drone View | *OpenCV, Deep Learning*

This project aims to leverage advanced computer vision techniques to enhance the capabilities of drones in surveillance and public safety applications. By accurately detecting and tracking pedestrians and vehicles from an aerial perspective, the system contributes to improved situational awareness and operational efficiency in urban environments.

Music Playlist Simulator using OOPs | *Data Structures and Algorithms, Java*

The Java Music Player Simulator is a console-based application designed to simulate the functionality of a music player. It allows users to create playlists from predefined albums, play songs, navigate through the playlist, and control playback options such as skipping to the next or previous song, replaying the current song, and deleting songs from the playlist.

Movie Ticket Booking App Frontend | *SwiftUI*

The SwiftUI Movie Booking App UI project aims to create a visually appealing and user-friendly interface for a movie booking application using Apple's SwiftUI framework. The project focuses on designing a modern UI that allows users to browse movies, view details, book tickets, play movie trailers .

TECHNICAL SKILLS

Languages - Java, Python, Swift, HTML, CSS, SQL

Developers Tools - VS Code, Google Colab, Xcode, Figma, Git

EDUCATION

Bachelor of Technology in Computer Science Engineering
at VIT-AP University

2022-2026

RELEVANT COURSEWORK

DSA | Computer Networks | Database Management Systems | Statistics & Probability |
Linear Algebra | Discrete Maths | Computer Organisation & Architecture | OOPs | Machine
Learning | Aptitude