

Sutraye Amulya

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Brief Summary

Seeking a challenging role to apply problem-solving skills, quick learning abilities, and commitment to self-improvement for contributing to the continuous enhancement and growth of the organization.

Technical Skills

Skills: SQL, C++, Python, HTML, CSS, Django, MongoDB, Node.js

Tools: Visual Studio Code, Dev C++, Eclipse, Jupyter, PowerBI

Projects

Staff Leave Management System

- Developed a Staff Leave Management System with a user-friendly interface using HTML and CSS. Integrated PHP and MySQL for server-side scripting, form handling, and secure data storage.

- Key Skills: MySQL, HTML, CSS, PHP

Criminal identification system using video analytics

- Designed a system that identifies and verifies known criminals from video surveillance footage using facial recognition. Enables real time detection and alerts, aiding law enforcement in tracking and monitoring individuals with prior criminal records.

- Key Skills: Machine Learning, Computer Vision, GUI Development

Employee Registration Portal

- Developed a Django-based web application for managing employee data, enabling features like detailed employee profiles and functionalities for adding, editing, and deleting records. Integrated PostgreSQL for robust database management and optimized data retrieval.

- Key Skills: Django, PostgreSQL

Education

RNS Institute of Technology, Bangalore	2021 – 2025
B.E. Information Science and Engineering	CGPA: 8.86

Sri Chaitanya Jr. College, Anantapur	2019 – 2021
12th BIEAP	Percentage: 95.8

C V R Memorial Eng. Med. High School, Anantapur	2019
10th BSEAP	CGPA: 10

Certifications

SQL Intermediate - *HackerRank*

AWS Academy Cloud Foundations

JP Morgan Chase & Co. Cybersecurity Job Simulation - *Forage*

Publications

CRIMINAL IDENTIFICATION SYSTEM USING VIDEO ANALYTICS - *Journal of Emerging Technologies and Innovative Research (JETIR)*

- This paper presents a system for identifying criminals from video surveillance using advanced facial recognition techniques such as deep learning models and real-time facial recognition algorithms. It focuses on improving law enforcement by automating the identification process, improving accuracy, and reducing human error. The study addresses challenges in traditional methods and explores the potential of AI-driven solutions to support

public safety.

Soft Skills

Communication | Adaptability | Emotional intelligence | Time management | Active Listening
Decision-making | Stress management

Spoken Languages

English | Hindi | Telugu | Marathi | Kannada