

RITHUL SANDEEP

The role you are applying for?

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Summary

Computer Science Engineering student passionate about AI/ML, fluent in web development, and driven by a love for learning and competitive coding.

Skills

Python • C/C++ • Java • JavaScript

React • Express • Node • MongoDB

Numpy • Pandas • Transformers • YOLO

Projects

WhatsApp Conversation Summarizer

An extension that scrapes a WhatsApp chat upon activation and provides a titled summary of all topics discussed between two dates.

- Created and deployed a tool to extract and condense message content.

Traffic Violation Detection

A model that takes live feed of CCTV's and detects violations.

- Implemented and deployed helmet detection model.
- Created ALPR(Automatic License Plate Recognition) model.

Echo

Full-stack, real-time communication platform tailored for a student chapter, inspired by Discord.

- Implemented a toxicity detection module and created a conversational AI using Microsoft Phi.

FFCS Slot Deciding Tool

Developed a constraint-based tool for optimizing teacher-subject allocations with preference matching and conflict avoidance.

- Approached the problem using CSP techniques and built a specialized algorithm to enforce and satisfy domain-specific constraints.

Education

Delhi Public School, Bangalore East

High School Diploma | 12th Board Exam: **95** / 100

Date period

Vellore Institute of Technology

Computer Science and Engineering | CGPA: **9.42** / 10

Date period

Courses

CS50's Introduction to Artificial Intelligence With Python

CS50's Web Programming with Python and JavaScript

Hobbies

💎 Competitive Coding

💎 Badminton

💎 Web Development