Vedant Verma

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Education

B.Tech Computer Science Engineering, Sharda University   08/2023 – 05/2027
Current CGPA: 8.4   Greater Noida, India
12th Grade (Senior Secondary) Renaissance School, CBSE - 2023
Percentage: 86.2

Projects

YouTube Transcript Summarizer
- Developed a web application that automatically fetches and summarizes transcripts from YouTube videos using the YouTube Data API.
- Implemented Natural Language Processing techniques to generate concise summaries using extractive and abstractive models.
- Enabled users to input a video link and receive a readable, structured summary to save time and improve content consumption.
- Added features like keyword extraction, timestamped highlights, and download/export options for summaries.
- Integrated a user-friendly interface using Flask to enhance usability and accessibility.

K.I.R.A — AI-Powered University Chatbot Assistant
- Developed K.I.R.A (Knowledge-based Interactive Responsive Assistant) — an intelligent and modular chatbot designed to assist students, faculty, and administrators with university-related queries.
- Seamlessly integrates with university databases to provide instant responses related to class schedules, examination details, fee status, academic records, and announcements.
- Utilizes NLP to understand natural language queries, with support for follow-up questions and context retention.
- Features role-based interaction flows (student, faculty, admin), ensuring personalized and secure responses.
- Designed with a web-based UI (Flask) for ease of access, and built to be easily deployable on any university portal or LMS.
- Modular API-based architecture allows for scalability and integration with third-party services.

Vedant Arts Skills - Portfolio Website 🔗
- Developed a fully responsive personal portfolio website to showcase original sketches and commissioned artwork.
- Designed a clean and modern user interface using Tailwind CSS, optimized for both desktop and mobile devices.
- Implemented smooth animations and dynamic floating background elements to enhance user engagement.
- Created a dedicated "About Me" section featuring personalized content and optimized image presentation.
- Ensured cross-browser compatibility and performance optimization across major platforms.

Skills

- Languages : C, JAVA, HTML/CSS,
- Familiar: JavaScript,Python

Certificates

- Google Cybersecurity Professional Certificate 🔗
- Oracle Academy Java Fundamentals