CHAITANYA RANKHAMB

Third year student at Vishwakarma Institute of Technology, Pune.

Contact :

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Education :

Vishwakarma Institute of Technology, Pune.

Branch: Information Technology

Duration: 2023-2027

CGPA: 8.01

12th

Dayanand Science College, Latur.

Percentage: 83.67

Duration: 2021-2023

10th

Adarsh Vidhyalaya, Karepur.

Percentage: 90.60

Duration: 2019-2021

Profile :

An enthusiastic and self-driven Information Technology student with a strong foundation in C++, Java, JavaScript and web development. Eager to apply problem-solving and coding skills in real-world projects, while continuously learning and contributing to team success. Passionate about building impactful tech solutions and growing as a full-stack developer.

Skills :

Programming Languages :

C++, Java, JavaScript, HTML, CSS, SQL.

Tools :

Node js, Express js, Bootstrap, MongoDB, MySQL.

Experiance :

Password Strength Analyser

Technologies used: Java, OOPs Concepts, Java Swing (GUI)

Designed and developed a desktop application that evaluates the strength of passwords in real-time based on various parameters like length, character variety (uppercase, lowercase, digits, symbols), and common patterns. Implemented object-oriented principles to ensure modularity, scalability, and maintainability of the application. Utilized Java Swing to create a user-friendly graphical interface that dynamically reflects the password strength and provides suggestions for improvement. Enhanced application security awareness by educating users about weak passwords and encouraging best practices.

Facial Expressions Detection & Music Player

Technologies used: Python, OpenCV, Deep Learning (CNN), Tkinter, MediaPlayer Libraries

Built an intelligent music player that detects real-time facial expressions using a webcam and plays music based on the user's emotional state (e.g., happy, sad, neutral). Integrated a pre-trained Convolutional Neural Network (CNN) model

to accurately classify facial expressions. Used OpenCV for real-time image capture and facial landmark detection. Developed an intuitive GUI using Tkinter for smooth user interaction and playback control. Enabled emotion-based personalization to enhance user experience by linking detected moods to curated playlists.