



Smit Deshmukh



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Education

- Pune Institute of Computer Technology** 2022-26
BE in Information Technology(IT)
◦ CGPA: 8.94/10
- SNBP International School, Pune** 2022
12th CBSE
◦ Percentage : 91.4 %
- SNBP International School, Pune** 2020
10th CBSE
◦ Percentage : 91 %

Projects

- Emotion-Driven Hybrid Music Recommendation System**  
- Designed a hybrid music recommendation system combining collaborative filtering (SVD) and content-based filtering using song attributes like tempo, valence, and energy.
 - Integrated Spotify API to retrieve user listening history, enabling personalized playlist generation based on both implicit data (listening habits) and emotion detection.

- Legal Chatbot**  
- Developed using Lang Chain and Django, this chatbot specializes in answering legal queries.
 - Using OpenAI's language model and RAG methodology to understand and respond to user input.
 - Provides legal information on various topics, including contracts, intellectual property, and employment law.

TouchlessScreen

- Developed an innovative Human-Computer Interaction system that replaces traditional mouse and keyboard inputs with camera-based hand gestures, enabling intuitive screen navigation and control.
- Implemented gesture recognition features that allows users to draw, annotate, write, and set custom shortcuts, transforming any display into an interactive smart screen.
- Enhanced user experience by incorporating gesture shortcuts, providing a dynamic, hands-free alternative to traditional input devices.

Technologies

Languages: Java, C++, Python, Lua, C#,MySQL

Technologies: Django,Scikit-learn,Tensorflow,Opencv,Love2D, Unity, Godot,Blender.

Certification

Machine Learning Specialization-DeepLearning.AI & Stanford University

OpenCV Bootcamp-OpenCV university

Extracurricular

PixelVerse,COEP

Winner 2nd prize

Developed a single player game using Unity in 24Hrs

GameDevUtopia,Pict

Member

Developed games using various frameworks and game engines. Conducted workshops on game development to teach students the basics of coding and design. Planned and executed various workshops and guest lectures