

Music Streaming Website – A Web-Based Platform for Streaming and Sharing Music

The **Music Streaming Website** is an **interactive online platform** that allows users to **stream, upload, and share music**, similar to Spotify or SoundCloud.

Key features include:

- **User Authentication & Profiles** – Users can create accounts and follow artists.
- **Music Upload & Streaming** – Artists can upload songs, and users can stream audio.
- **AI-Based Playlist Recommendations** – Machine learning algorithms analyze listening habits and suggest playlists.
- **Lyrics Display & Karaoke Mode** – Real-time lyrics syncing for enhanced engagement.
- **Offline Mode & Downloads** – Users can download songs for offline listening.
- **Social Features & Sharing** – Users can like, comment, and share songs on social media.

The backend is built using **Flask/Django with PostgreSQL**, while the frontend is developed with **React.js/Vue.js**. The **audio streaming service** is optimized with **WebRTC and cloud-based storage (AWS S3, Firebase Storage)**.

This project provides **an immersive music streaming experience**, making it an **ideal platform for independent artists and music lovers**.