

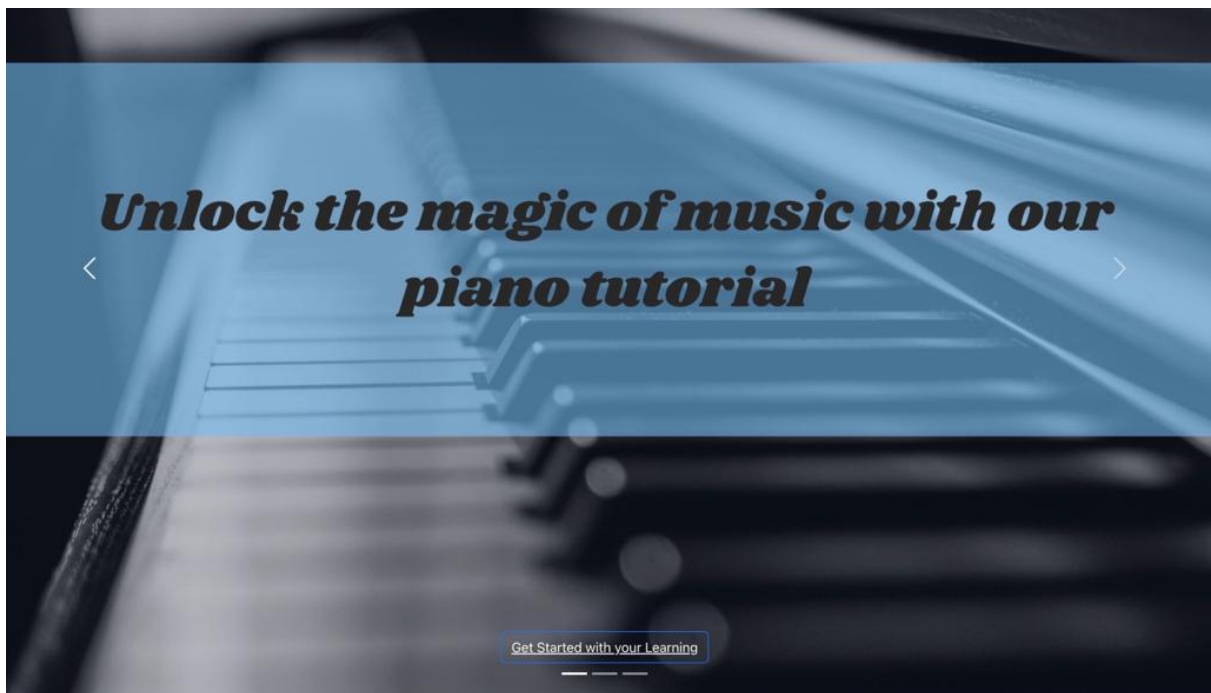
HACKNITE - WEBDEV STREAM

README FILE

- Team Name: 200_OK
- Team Members:
 - Trupti Khodwe(IMT2022007)
 - Nikita Kiran (IMT2022028)
- **Project Idea** : Our website name is **MagicOfMusic**. It is a beginners guide to learn Notes and Chords of keyboard. It first teaches the user which notes correspond to what chords and then the user can practise and test it on the online keyboard to check if they have done it correctly.
- **Installations:**
 - Node JS
 - React - Bootstrap
 - Bootstrap
 - React-Router-Dom
- **API used:**
 - *Piano Chords API*
 - It returns the notes corresponding to a particular chord.
 - But it has a limitation: The user only has 500 free trials after that it is a paid subscription.
- **How to run the project:**
 - Download the repository.
 - Install all the required libraries .
 - Run the following commands:
 - npm install
 - npm start
- **Features:**
 - Dynamic routing and pages were used for creating the web pages for each of the 12 notes.
 - Carousel is implemented for the front page.
 - We designed an online keyboard which produces sound when played using a computer keyboard.

Screenshots of website :

1. Home-Page



2. Home-Page



3. Before playing any chord

Root Note : A

The A Major Chord

Using the formula , the Major chord of A is a combination of A, C# and E notes.

Try it Out

Try playing the chord by yourself!

The A Minor Chord

Try it Out

The image displays a section of the website dedicated to learning chords. It features a dark header with the text 'Root Note : A'. Below this, there are several sections: 'The A Major Chord' with a description 'Using the formula , the Major chord of A is a combination of A, C# and E notes.', 'Try it Out' with a button 'Try playing the chord by yourself!', and a piano keyboard diagram showing the notes C, D, E, F, G, A, B. At the bottom, there is a section for 'The A Minor Chord' and another 'Try it Out' button. The keyboard diagram is a simplified representation of a piano keyboard with black and white keys, and the notes C, D, E, F, G, A, B are labeled below the white keys.

4. After playing the chord

[Magic of Music](#) [Home](#) [Basics ▾](#) [Learn and Practice ▾](#)

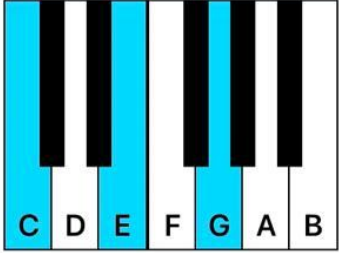
Root Note : C

The C Major Chord ⌵

Using the formula , the Major chord of C is a combination of C, E and G notes.

Try it Out ⌴

Correct! You got it!



C D E F G A B

The C Minor Chord ⌵

Try it Out ⌵