

12 FREE Online Courses

1. HTML & CSS

- [HTML For Beginners - Mosh](#)
- [Beginner Tailwind - Chris Sev](#)

2. JavaScript

- [JavaScript tutorial for Beginners - Mosh](#)
- [JavaScript 30 - Wes Bos](#)

3. React

- [Learn React - Scrimba](#)
- [Beginner React - Chris Sev](#)
- [Make React Apps - Chris Sev](#)
- [React Hooks Simplified](#)

4. Git / Terminal

- [Git for Beginners - Mosh](#)

5. TypeScript

- [Beginners TypeScript - TotalTypeScript](#)

6. Node.js

- [Node.js for beginners - Mosh](#)

7. Data Structures & Algorithms

- [The Last Algorithms Course You'll Need - The Primeagen](#)

10 Real World Projects

1. Automatic Crypto Trading Bot

This project is a trading bot that will automatically trade cryptocurrencies on your behalf. A user would create an account if they don't already have one, select the currencies they want to trade, and the bot will automatically trade them based on the user's preferences. The bot will also have a dashboard where the user can see their portfolio and the bot's performance.

2. Weight Loss App

A user can log in, input their current weight, their desired weight, and their favourite food. The app will then calculate how many calories they need to eat per day to reach their goal weight and will even suggest recipes to meet those calorie requirements based on their favourite food.

3. A Twitter/X Digest App

This app will allow a user to log in with their Twitter account and select a topic they want to keep on top of. The app will then send them a daily email with a nice 2-paragraph summary of the top tweets on that topic.

4. Realistic AI Stock Photography Aggregator

This website will be like Unsplash but for AI-generated images. It will be a stock photography website containing all the most photorealistic AI-generated images. Users will be able to search for images and download them for free. Users will also be able to upload any AI-generated images they have created or found.

5. PDF Document Signing

This app will allow a user to upload a PDF document and sign it. The user will be able to draw their signature on the screen, and the app will add it to the PDF document. The user should be able to add a list of emails to send the document to so that others can sign it, and this PDF should be saved in online storage so that the user can download it later.

6. Audio Cleanup App

For this app, a user will be able to upload audio and video files for the app to clean up the audio, again using AI. This includes removing any background noise and making the audio clearer. The user will then be able to download the cleaned-up audio, which should be saved in online storage for a few days in case the user wants to download it later.

7. AI Voice Changer

This app will allow a user to upload an audio file and change the voice of the speaker. The user will be able to select from a list of voices, and the app will change the voice of the speaker in the audio file. The user will then be able to download the new audio file, which should again be saved in online storage for a few days in case the user wants to download it later.

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8. Kanban Task Manager

This app will allow a user to create a Kanban board with columns and tasks, similar to Trello. The user will be able to create a board, add columns, and add tasks to those columns. The user will also be able to drag and drop tasks between columns. The user will be able to invite other users to the board, and those users will be able to add tasks and move tasks around.

9. YouTube Video to Blog Post App

This is an app that will take the link of a YouTube video and turn it into a blog post. The app will use AI to transcribe the video, and then the user will be able to edit the transcription and add images to the blog post. The user will then be able to download the text as a markdown file and publish the blog post to their blog.

10. A Multiplayer Game

This app will be a multiplayer game that users can play together. The game doesn't need to be a complicated 2D or 3D game; it should be something like tic-tac-toe, connect 4, or a word game (like Wordle). The game should also have a leaderboard so that users can compete against each other.