

# Interesting Project Ideas

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## 1. Build your reusable component library – like bootstrap

- Create a style-guide/storyboard
- Make them responsive
- Build it on top of a latest framework like React

## 2. Weather app using 3rd party API **beginner**

- Getting comfortable with 3rd party APIs is very much encouraged by the interviewers
- It shows that you are comfortable with understanding the documentation and debugging an unknown territory

## 3. Video streaming app using YouTube API **beginner**

## 4. Flight booking system – offline mode

- How will you solve the offline mode problem?

- How will you cache the data and save it to the system when the user gets online again?

## **5. Food sharing app**

- Share the food you won't eat
- Make new friends

## **6. App for bored people that sends fun activities, brain teasers or goofy challenges**

- Geo location to suggest nearby events/activities
- Buddy up with your friends

## **7. Online treasure hunt**

- Find some online treasure with your group
- Add group chat

## **8. App to post your tweets to Instagram**

- App will convert tweets to beautiful images
- Use twitter API
- Ability to share the image directly as Instagram post or story
- Based on the tweet content it can also recommend good caption and trending hashtags

## **9. Machine learning app**

- Given a person's browser history predict the person's personality

## **11. An app that generates app ideas**

## **12. Slack chatbot that corrects your offensive language**

## **13. Slack clone**

- Instant messaging
- Create channels
- Private channels
- Direct messaging
- Set status
- Set availability

## **14. Build a clone of Facebook**

## **15. Build a clone of Instagram**

- Basic features to start with
- Profile page
- Feed
  - Simple chronological order to start with
- Your photos
- No need to implement messaging - it's a huge beast

## **16. Clone of Uber**

## 17. Dating app for old people

## 18. Dating app for bling people

- What challenges? How would you solve them?

## 19. Ecom app

- Product list
- Search
- Add to cart
- Wishlist
- Checkout

## 20. Random YouTube video player **beginner**

- Connect to YouTube or other video streaming API
- Get random video on a button click
- Play the video
- Like the video

## 21. Movie seat booking system

- Pure JavaScript - no database
- Play around with event handling
- Select movie
- Book seats
- Update price per movie and per seat selected
- Checkout workflow

## 22. Tic - tac - toe game **beginner**

## 23. Monthly budget tracker

- Add your income
- Create a budget category
- Allocate a budget for each category
- Add how much money spent per category
- Show graphs/pie chart of how is your money spent per category

## 24. Chrome extension that will find broken links on the page and mark them red

- Optimize it to parse links only when user views that part of the page
- If it's admin consolidate the links in one page to make them easier to fix

## 25. VSCode multiple instances of same project feature

- Should be able to open one project folder in multiple instances of VSCode
- Can run different Git branches on those separate instances
- This will give the ability to work parallel when waiting for build to complete, etc.

## 26. Random challenge app **beginner**

- A button that will suggest a random but fun challenge
  - ex: Build your portfolio website in a week
  - ex: Publish a game to the Apple store in a month
  - ex: Write 30 blog articles in a month
- A way to track your progress
- Gamify the challenge with virtual coins

- Invite a friend to buddy-up on a challenge or just challenge them

## **27. Crowd-sourced site for roadmaps**

- Roadmaps for learning something
  - ex: Roadmap to becoming a web developer
  - ex: Roadmap to becoming a data scientist
  - ex: Roadmap to becoming a graphic designer
  - ex: Roadmap to becoming a freelancer
  - ex: Roadmap to start an ecom business
- Members can post their roadmaps
- Members can create
  - Simple text
  - Infographic upload
  - Create a flowchart through the app itself
  - Members can view roadmap
- Search roadmaps by categories
- Bookmark roadmaps
- Link to external resources to learn on a topic in the roadmap

## **28. Easy bookmarks**

- Bookmark organizer chrome extension
- Should allow you to easily add a bookmark to the correct folder
- Suggest you to better organize your bookmarks
- Reminder to go to a bookmark after a certain amount of days

## **29. VR app to learn through videos**

- Using gestures to manage video playing - pause, resume, next, previous, etc
- Take quiz via the VR app

### **30. Tinder for playing quiz with friends beginner**

- Swipe left and right to select friends
- Challenge them for a 10 question quick quiz

### **31. Design analyzer**

- App that use phone camera
- Point the camera at any illustration or logo
- The app will analyze what tools, and techniques was used to design it

### **32. App to share photos instantly with the group**

- Use case: when you go out with your friends
- Create a temporary group
- Connection could be via bluetooth or just need to be using the same WiFi
- Take photos with your phone like you normally would do
- The photos will be automatically sent to everyone in that group

### **33. App that teaches entrepreneurship to young kids**

- Concepts should be explained in very simple ways
- Should include a lot of pictures and success stories
- Bite-sized lessons

### **34. Students community app**

- Connect with students from same field all over world
- Filter by locations
- Students can help each other with job search in their respective locations
- Share study material
- MVP - start with a Telegram group to test out this idea

## 35. Trip planner

- Web or mobile app
- Create group of friends going on the trip
- Share trip details on the group
- Google maps integration to plan each day and places to visit
- Plan things to do together on the app
- Show popular recommendations to help you plan the trip

## 36. Bill track

- Simple way to upload bills and parse the data
- Visualize the history of your bills using some charting library
- Use machine learning to predict future monthly bills
- Use machine learning to recommend how to save on bills
- Based on your purchases show recommendations on where to buy cheaper and better stuff

## 37. Image carousal / slider **beginner**

- Show left/right buttons to change the images
- Have a timer to change the images after X seconds
- Pull images from a folder or from CDN
- Build it using simple HTML, CSS, JavaScript (without library/framework)

## 38. Quote of the day **beginner**



- Single page application
- Show quote for the day
- Change quote every single day
- Pull quote from a JSON file
- Twist: or you can show a different quote every time user refreshes the page
- Twist 2: You can build similar app for Joke of the day

### **39. Social media that will auto-censor**

- You can write your heart out
- The feature that will delete uncensored language, foul language when applicable
- Replace it with censored language
- It can be implemented using simple Hashmap
- Or you can use machine learning

### **40. Gamify the TODO app**

- Start with a TODO app - more like Trello clone
- But introduce point/rewards system
  - Earn point for every task you complete
  - Reduce point if you miss the deadline
- At the end of the week/month calculate your score
- Reward based on your scores
  - Low score -> eat ice cream
  - Medium score -> play Xbox for whole day
  - High score -> buy some cool tech for yourself
- Twist: Challenge your friends and see who scores better

### **41. All in one messenger**

- Consolidate all apps into one - Whatsapp, Facebook messenger, etc.
- Hook up with their respective APIs
- Or look into headless CMS for scraping the messages

## **42. Tinder for finding project partners**

- Match via their previous work, their expertise
- And what they are looking for
- Pictures of their previous apps
- Built in chat feature to bounce off project ideas

## **43. Apps of music lists**

- Love the songs of 90s? But lost your beloved music list from winamp player? Me too.
- Build app where users share their favorite songs list
- Integrate with music services like YouTube, Spotify, iTunes, etc.
  - Just import/clone the list in your favorite music service and relive those moments
- Advanced search
  - By genre
  - Artists
- Upvote/downvote/comments

## **44. Marketplace for donations**

- User shares pictures of what they want to donate
  - They can pick their favorite donation organization
- Donation organizations send their drivers to pick up the items

## **45. Airbnb for tech gadgets**

- Some gadgets are exotic, expensive
  - Not everyone can buy them
  - Diamond smartwatch, drones, high end cameras
- Marketplace where you can rent out your tech gadgets
- Users are charged per hour usage

- App creators can earn commissions

## **46. Quiz apps beginner**

- Country quiz
- Logo quiz
- Programming quiz
- World leader quiz

## **47. Chrome extension that filters out negativity from Internet**

- Filter out negative news, comments, posts, people
- Could start from small set of apps - like FaceBook and Twitter
- Basic implementation - filter based on dictionary of negative words
- Advanced - add some machine learning algorithms to it

## **48. Debate app**

- Select a topic
- Select a group
- Set time limit for the debate
- Debate via text or voice or video call

## **49. Investment platform for kids**

- Main purpose of the app should to teach investments to kids
- Gamify the app to make it easy for kids to follow
- Teach them how to trade with real values BUT paper money
- Give them lessons, quizzes to increase their knowledge

## 50. Delete X-files

- App/scrapper that helps you delete stuff about your ex partner
- Facebook posts, images
- IG images
- Whatsapp messages
- Google photos
- Two way to implement this
  - 1st using the APIs of social media
  - 2nd headless chrome where you scrape any site to find the details
- You can also start with repository of frequently found places where ex-stuff is stored
  - Like a checklist that your users can use to manually find and delete stuff they want

## 51. Caption this

- Struggle to come up with a caption for your FB or IG post?
- Write AI app that will write a caption for you
- You just upload a photo
- App will suggest you bunch of captions
- Based on your mood, the scene, who's involved in the photo, where it is taken, etc.

## 52. Track my BMI **beginner**

- Manually log in the necessary data
  - weight
  - height
- Visualize the weight history
- Set goals
- Predict future values to motivate the users

## 53. Coffee lovers

- If reddit, quora and stackoverflow had a child - for coffee lovers
- Community based app
- Suggest recommendation of local coffee places to visit
- Share tips and recipes to brew the perfect coffee
- Share where to find exotic / specialty coffee shops around the world
- *If you are not a coffee lover - replace "coffee" with something you are passionate about*

## 54. Celeb tweets **beginner**

- Fun app that shows the first tweet your favorite celebrity wrote
- Single page application
- Select a user / search for a user
  - Talk to Twitter API
  - Get that user's first every tweet
  - Maybe first 10 if the page is showing up more white space

## 55. Karma app **beginner**

- App will ask series of questions
- The responses will decide if you are doing good or bad karma
- Apps will give ideas and opportunities to rectify your karma
- Pro: Crowd source questions

## 56. Find your Twitter twin

- Add your username
- App will perform a match on your interests, your tweet content, your hashtags
- And it will choose a user that has the most similar activity as yours

## 57. Blur out the profanity

- Chrome extension
- It will blur out the words, pictures, and videos which are uncensored or obscene
- For starters you can start with just words
- Use a dictionary of words and match the words on the webpage with it and blur them out if they are not appropriate

## **58. Cloud compiler for any language**

- You don't actually have to implement the compiler
- Create a web-app platform that will let use select language
- The can fiddle with a language of their choice like JSBin
- You can send the program to cloud machine where it will get compiled with a native compiler
- And then return result for the program