

Road Map for Revel Full stack Dev.

Consist of

1. Learn
 2. Practice
 3. Build.
- bonus : interview practice.

Before following this roadmap, make your mindset that you've to ace this exam .
And just devote yourself for a couple of months. Because in return what you'll get is precious.
And can change your life for good. Do it for yourself.

"It's a shame to die without seeing the strength of your mind and body which you're capable of"

Let;s Grind.

Now select your RST.

RoadMap Schedule Time (RST)

<u>Devoting time</u>	<u>Total time to complete (approx).</u>
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- | | |
|----------------------|-------------|
| I. 7 -8 hours/Day | 4 months. |
| II. 10- 11 hours/day | 3 months. |
| III. 14-15 hours/day | 2.1 months. |

COVERING ALL 3 PARTS which consist of :

PART 1 : LEARN

1. Theory
 - a. Dbms
 - b. Operating System
 - c. Computer network
 - d. API's
 - e. System Design.
2. MERN
 - a. Mongo
 - b. Express
 - c. React
 - d. Node

-Doing Mysql (as per releval fullstack structure)
3. Data - Structures & Algorithms.
 - a. Array
 - b. Matrix

- c. String
 - d. Search & Sort
 - e. Linked List
 - f. Binary Tree
 - g. BST
 - h. Greedy
 - i. BackTracking
 - j. Stacks and queues
 - k. Heap
 - l. Trie
 - m. DP
 - n. Bit Manipulation
4. HTML CSS JS
- a. HTML 5
 - b. CSS 3
 - c. JS

IMPLEMENTATION OF PART 1 & 3

A. Start Doing DS-Algo first In the morning - Devote 40% of your RST.

Resource for DS-Algo

- I. [Apna Collage](#)
- II. [Complete Striver's Sheet + All questions by apna Collage](#)
- III. If you've completed the first 2 and want to go further, start completing the Aditya Verma Playlist.

Try to do all playlist but if not possible because of time so Do this one only
[Link ** \(mandatory\)](#)

Problems faced during it / Some tips.

- a. If you can't understand the algo, don't panic, start doing another algo. And the algo that you left (unable to understand) try to do in the early morning.
- b. If you forget the concepts, just do more practice, until syntax is on tips.
- c. Don't panic and try to do more questions just do all questions by apna collage and striver sheet.
- d. After completing Apna collage move on to Striver sheet.
- e. Make a pace in completing videos and questions let's say do 3 videos each day. But do it daily.
- f. Understand time complexity well.
- g. [Click Here to learn C++ Stl in one hour](#). (stl is needed in further rounds).

B. Do Coding in another 50% of your RST

1. Start Learning Js First

Resource for javascript:

1. [First Complete this Playlist \(Mandatory\).](#)
2. Then Build the first 3 Games by [clicking on it.](#)
3. Do live practice from [here.](#)
 - a. Try to go through only the live screen. (example doing array.map() in live window).
 - a. Where you need to focus more on array methods.
 - b. And Classes/objects.
4. After completion above, complete this [playlist \(mandatory\).](#)

**If you've completed above 4 congratulations you're one step ahead then the rest of 95% developers. And about to become a JS master.*

2. After learning JS focus on HTML/CS/JS

Resources for it

- I. If you don't know the basics do
 - a. [this for html](#)
 - b. [this for css](#)
- II. Now, finish these videos for CSS
 - a. [In Depth of Grids/flxs](#)
 - b. [Pseudo Elements](#)
 - c. [Pseudo Elements 2](#)
- III. If you've completed above 2 then do these only.
 - a. [Education Site / Responsive + Semantic tags](#)
 - b. [Social Media Site](#)
 - c. [Admin DashBoard](#)

**Above will take hardly 12 hours but after completing this part you'll be about to become the master of HTML/CSS/JS and much ahead then all 96% of learners.*

→ This 12 Hour is the best arrangement for html/css/js.

3. It's Time For React

- a. From Below do any one playlist or if you have time do both.
 - I. Follow this for [understanding Basics](#). (Mandatory)
 - II. [Basics Part 2 \(Mandatory\)](#)
- B. [For Redux](#) (important).

C. For Learning All Hooks [complete this](#). (most important).

*Above will take only 6 Hours but this 6 hours is the best management of time focusing on the core of react by direct approach.

*Congrats if you completed this, now you're ready for a step ahead building MERN apps.

4. Let's Learn Node.

Complete below , for better understanding of node.js

- A. **Learning Node.js** [DO THIS](#)
- B. [Node.js Simple Application](#)
- C. if you've time and go further then this [so do this](#)

*That's another step toward MERN dev.

*The above will take 11 hours, and after the end of 11 hours again you'll another step ahead then 95% of learners.

5. 1 hour for MONGO

- a. [Just 1 hour for mongo.](#)

C. Time for MERN PROJECTS.

These are the projects :

Build 3 projects for greater portfolio building.

1. First Build this - [Spotify Clone](#) (mandatory)
2. [Complete E-Com](#) (mandatory)
3. [Social-Media App](#) (mandatory)

*Above projects are mandatory as you'll learn in depth of Mern along with proper implementation of Redux and Context Api.

bonus-

→ After completing it, learn Mysql and try to build a simple to-do list.

1. [Mysql one shot](#)

→ For Interview Practice

2. Watch few videos of [Keerti PurSwami](#)
3. And few videos of [Gaurav Sen](#)

Notice *

Part 1 which is learn and Part 3 (build) Is now completed if you've done above .

For Part 2 which is do practice download these apps and do some mcq questions from web .

1. [For CSS Mcq Practice](#)
2. [Web Mcq Practice](#)
3. [Js Mcq Practice](#)

*doing all mcq in above app is very important.

And mcq related to react, and theory part. You can consider mcq of <topic name> in google.

C.c. Theory Part Completion.

C. devote 10% time of your RST

1. [For Entire DBMS](#)
2. [For Operating System](#)
3. [For Computer Networks.](#)
4. [System Design.](#)

→80% mcq will come from the above part. So practise mcq through google.

→MOST IMPORTANT [complete all questions of it.](#)

Congratulations if you've completed this, now you can say you're a fullstack developer and you're ready to ace the relevant exam 😊😊😊.

This roadMap is designed by your bro Ajay 😎.