# **Disclaimer:**

COPYRIGHT NOTICE

©All content, materials, and intellectual property contained within this document, including but not limited to text, images, diagrams, graphics, code, and any other original works, are protected by copyright laws and international treaties. This intellectual property is the sole and exclusive property of SRIKANTH TEKUMUDI

Unauthorized use, reproduction, distribution, modification, or transmission of any portion of this document, in any form or by any means, electronic or mechanical, without the prior written permission of SRIKANTH TEKUMUDI is strictly prohibited and may result in severe civil and criminal penalties.

By accessing, viewing, or using this document, you acknowledge and agree to abide by all applicable copyright laws and the terms and conditions outlined herein. This copyright notice serves as a legal warning and reminder that the unauthorized use of this intellectual property is strictly prohibited and will be vigorously enforced.

Thank you for respecting the intellectual property rights of SRIKANTH TEKUMUDI

# **Resources to learn JavaScript**

🍀 Basic JavaScript Concepts:

**1. Functions:**<https://www.youtube.com/watch?v=HkWxvB1RJq0><https://www.youtube.com/watch?v=SHINoHxvTso>

**2. Scope in JavaScript**

<https://www.youtube.com/watch?v=TkFN6e9ZDMw>

<https://www.youtube.com/watch?v=uH-tVP8MUs8>

**3. Closure** -<https://www.youtube.com/watch?v=qikxEIxsXco>

**4. Event loop,Call stack, Task queue**

<https://www.youtube.com/watch?v=8aGhZQkoFbQ><https://www.youtube.com/watch?v=8zKuNo4ay8E>

**5. Prototype and prototype chain** -<https://www.youtube.com/watch?v=wstwjQ1yqWQ>

**6.“THIS” keyword**<https://www.youtube.com/watch?v=jTPt5XO7KoU>

<https://www.youtube.com/watch?v=YOlr79NaAtQ>

<https://www.youtube.com/watch?v=rv7Q11KWmKU>

**7. Class and inheritance** -

<https://www.youtube.com/watch?v=NyClWddeO_A>

<https://www.youtube.com/watch?v=wstwjQ1yqWQ>

**8. DOM manipulation -**

<https://www.youtube.com/watch?v=y17RuWkWdn8>

**9. Bind/call/apply** -<https://www.youtube.com/watch?v=75W8UPQ5l7k>

**10. Promises -**

<https://www.youtube.com/watch?v=ap-6PPAuK1Y>

[youtube.com/watch?v=U74BJcr8NeQ](http://youtube.com/watch?v=U74BJcr8NeQ)

**11. Web APIs**

<https://www.javascripttutorial.net/web-apis/>

**12. Async/await ,Generators**

<https://www.youtube.com/watch?v=SrNQS8J67zc>

**13. Functional Programming**

<https://www.youtube.com/watch?v=e-5obm1G_FY>

**14.JavaScript Engine**<https://www.youtube.com/watch?v=p-iiEDtpy6I>

<https://www.youtube.com/watch?v=2WJL19wDH68>

**15.How Browser works**<https://www.youtube.com/watch?v=0IsQqJ7pwhw>

## **CSS Concepts:**

**1. Class and other selectors**

<https://www.youtube.com/watch?v=a69OMEJXaJo>

[CSS Selector Cheat Sheet - Dark.pdf](https://s3-us-west-2.amazonaws.com/secure.notion-static.com/c83742a0-0655-45de-8338-563302fef027/CSS_Selector_Cheat_Sheet_-_Dark.pdf)

**2. Pseudo Classes**

<https://www.codecademy.com/resources/docs/css/pseudo-classes>

<https://blog.webdevsimplified.com/2021-12/css-selectors/>

1. **Pseudo elements**

<https://dynamicbalaji.medium.com/css-pseudo-classes-cheatsheet-d336ee537ea0>

**4. Box Model**

<https://www.youtube.com/watch?v=QyrYEyMNYBk>

<https://www.youtube.com/watch?v=rIO5326FgPE>

**5. FLEX**

<https://www.youtube.com/watch?v=fYq5PXgSsbE><https://flexbox.malven.co/>

1. **GRID**<https://www.youtube.com/watch?v=0xMQfnTU6oo><https://grid.malven.co/>

**7. Centering elements**

<https://flaviocopes.com/css-centering/>

**8. Pseudo classes and elements**

<https://www.youtube.com/watch?v=RmDh3m8b9cU>

1. **position:relative,static,absolute,sticky**<https://www.youtube.com/watch?v=jx5jmI0UlXU>

**10. Media queries**<https://www.youtube.com/watch?v=69IbzTWg5PM>

**11. CSS preprocessors - SCSS or LESS**

<https://www.youtube.com/watch?v=69IbzTWg5PM>

# **React Concepts:**

**1. Component state and props**

<https://www.youtube.com/watch?v=kHJSNFU7H4U>

1. Styling components with CSS

**3. Functional and class components**

<https://www.youtube.com/watch?v=yc6elaGOoGQ>

**4. React lifecycle methods**

<https://www.youtube.com/watch?v=qoN5FBtfkXs>

**5.React Rendering Process**

<https://www.youtube.com/watch?v=i793Qm6kv3U>

**6. Virtual DOM**

<https://www.youtube.com/watch?v=rysTbzKOEO0>

**7. React Hooks**

* useEffect -<https://www.youtube.com/watch?v=UVhIMwHDS7k>
* useState -<https://www.youtube.com/watch?v=kkuq0gTGRFQ>
* useRef -<https://www.youtube.com/watch?v=yviJikU4gwk>
* UseCallback-<https://www.youtube.com/watch?v=N62nXHTydpA> useMemo:<https://www.youtube.com/watch?v=qGGu46ZoMqQ>
* useReducer:<https://www.youtube.com/watch?v=aM1bxz-82Qw><https://www.youtube.com/watch?v=cDdGGthGA6M>

**8. Custom Hooks**

<https://www.youtube.com/watch?v=nshyjApIovo><https://www.youtube.com/watch?v=NZEUDJvpQMM>

<https://www.youtube.com/watch?v=J-g9ZJha8FE>

**9. Context API**

<https://www.youtube.com/watch?v=gQ_l-1zpVBo><https://www.youtube.com/watch?v=35lXWvCuM8o>

**10.Redux playlist**

<https://www.youtube.com/watch?v=9boMnm5X9ak&list=PLC3y8-rFHvwheJHvseC3I0HuYI2f46oAK><https://www.youtube.com/watch?v=ey0SYV-OBo4>

**11. Routing in React**

<https://www.youtube.com/watch?v=Law7wfdg_ls>

**12. Webpack (bundler)**

<https://www.youtube.com/watch?v=OeZbiaS09Q0>

### **Must watch Meetups for best practises and internal working of react**

<https://www.youtube.com/watch?v=J-g9ZJha8FE>

<https://www.youtube.com/watch?v=dpw9EHDh2bM>

## **React JS hands on (complete projects )**

you can learn a lot from this projects.

**disney hoster clone** :<https://www.youtube.com/watch?v=tbvguOj8C-o>

**amazon clone**:<https://www.youtube.com/watch?v=1_IYL9ZMR_Y&list=PL-J2q3Ga50oMQa1JdSJxYoZELwOJAXExP&index=10> **Tiktok clone**:<https://www.youtube.com/watch?v=GePLvNgWROg&list=PL-J2q3Ga50oMQa1JdSJxYoZELwOJAXExP&index=14>

<https://www.youtube.com/watch?v=R_OERlafbmw&list=PL-J2q3Ga50oMQa1JdSJxYoZELwOJAXExP>

# **Machine Coding Round Practise**

Frontend Mentor:<https://www.frontendmentor.io/home>

JavaScript 30:<https://javascript30.com/>

Machine Coding Practise:<https://devtools.tech/>

# **Must practise popular machine coding problems**

* Accordion Component:<https://www.youtube.com/watch?v=dkh9-zICMQg>
* Multiple Select Dropdown:<https://www.youtube.com/watch?v=V2zEAXLQbF4>
* Tab component in react :<https://www.youtube.com/watch?v=qDXbZMNTwGw&list=PLe3J6mZBq1xVZ-aVma_0GFa2sC-Fwl0J3&index=3>
* File Explorer in react:<https://www.youtube.com/watch?v=20F_KzHPpvI>
* <https://www.youtube.com/watch?v=xKM07oEBGoE>
* Nested Comments in react<https://www.youtube.com/watch?v=M4urOf4zpSk>
* AutoComplete :<https://www.youtube.com/watch?v=qMkUziVZvzs>
* TypeAhead Search:<https://www.youtube.com/watch?v=IKRbWT6LqIY>
* Multistep Progress bar:<https://www.youtube.com/watch?v=xzaJGUtaWa0>
* Calender Project<https://www.youtube.com/watch?v=wyVFo2X5IM8>