100 MERN STACK INTERVIEW QUESTIONS

MongoDB Interview Questions 🍃

1. What are Indexes in MongoDB?
2. How many indexes does MongoDB create by default for a new collection?
3. What is "Namespace" in MongoDB?
4. What is Replication in MongoDB?
5. How can you achieve primary key - foreign key relationships in MongoDB?
6. When should we embed one document within another in MongoDB?
7. Explain the limitations of MongoDB Transactions.
8. Is there an "upsert" option in the MongoDB insert command?
9. What are some of the advantages of MongoDB?
10. What is a Document in MongoDB?

MongoDB Interview Questions

11. How to add data in MongoDB?

12. How do you Update a Document?

13. What are the data types in MongoDB?

14. When to use MongoDB?

15. How is Querying done in MongoDB?

16. How to perform queries in MongoDB?

17. How do you Delete a Document?

18. What are Geospatial Indexes in MongoDB?

19. Explain the SET Modifier in MongoDB?

20. Explain the process of Sharding.

21. What do you mean by Transactions?

22. What are MongoDB Charts?

23. What is the Aggregation Framework in MongoDB?

24. Explain the concept of pipeline in the MongoDB aggregation framework.

25. What is a Replica Set in MongoDB?

Express Interview Questions ex

1. What is Express.js?
2. What are some distinctive features of Express?
3. Is Express.js front-end or backend framework?
4. Why do we use Express.js?
5. What is the difference between Express.js and Node.js?
6. Write a code to get post a query in Express.js.
7. How does an Express code look like?
8. What do you understand by Scaffolding in Express.js?
9. Do Other MVC frameworks also support scaffolding?
10. Which are the arguments available to an Express JS route handler function?

Express Interview Questions ex

11. What is the difference between Express and Django?
12. How can you enable debugging in Express.js app?
13. How can you allow CORS in Express.js?
14. How can you deal with error handling in Express.js? Explain with an example.
15. Write the code to start serving static files in Express.js.
16. What is Middleware in Express.js? What are the different types of Middleware?
17. Which template engines do Express support?
18. How can we render a pain HTML?
19. What is Scaffolding in Express.js?
20. How to enable debugging in the express app?

Express Interview Questions ex

21. Serving static files in Express.js?

22. Database integration in express.js?

23. Error handling in Express.js?

24. How dynamic routing works in express.js?

25. What is routing and how routing works in Express.js?

React js Interview Questions ⚛

1. What is React?
2. What are the advantages of using React?
3. What are the limitations of React?
4. What is useState() in React?
5. What are keys in React?
6. What is JSX?
7. What are the differences between functional and class components?
8. What is the virtual DOM? How does react use the virtual DOM to render the UI?
9. What are the differences between controlled and uncontrolled components?
10. What are props in React?

React js Interview Questions ⚛

11. Explain React state and props.

12. Explain about types of side effects in React component.

13. What is prop drilling in React?

14. What are error boundaries?

15. What is React Hooks?

16. What are the rules that must be followed while using React Hooks?

17. What is the use of useEffect React Hooks?

18. What are Custom Hooks?

19. Explain Strict Mode in React.

20. How to prevent re-renders in React?

React js Interview Questions ⚛

21. What are the different ways to style a React component?

22. Name a few techniques to optimize React app performance.

23. How to pass data between react components?

24. What are Higher Order Components?

25. What are the different phases of the component lifecycle?

Node js Interview Questions

1. What is a first class function in Javascript?
2. What is Node.js and how it works?
3. How do you manage packages in your node.js project?
4. How is Node.js better than other frameworks most popularly used?
5. Explain the steps how "Control Flow" controls the functions calls?
6. What are some commonly used timing features of Node.js?
7. What are the advantages of using promises instead of callbacks?
8. Why is Node.js single-threaded?
9. How do you create a simple server in Node.js that returns Hello World?
10. What is fork in node JS?

Node js Interview Questions

11. How many types of API functions are there in Node.js?

12. What is REPL?

13. List down the two arguments that async.queue takes as input?

14. What is the purpose of module.exports?

15. What tools can be used to assure consistent code style?

16. What do you understand by callback hell?

17. What is an event-loop in Node JS?

18. If Node.js is single threaded then how does it handle concurrency?

19. Differentiate between process.nextTick() and setImmediate()?

20. How does Node.js overcome the problem of blocking of I/O operations?

Node js Interview Questions

21. How can we use async await in node.js?

22. What is node.js streams?

23. What are node.js buffers?

24. What is middleware?

25. Explain what a Reactor Pattern in Node.js?

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