SwiftNLift

Swift the solution, Lift the business

SWIFTNLIFT IT TECH

(SwiftnLift Media And Tech LLP)

CONTACT

8855850317 / 7620162336

Address
7, Tapodham Rd, Tapodham, Warje,
Pune, Maharashtra - 411052

MERN

Stack Syllabus

FRONTEND

Technologies

HTML 5

1. HTML Basics
2. Text Formatting
3. Lists
4. Links and Anchors
5. Marquee Element
6. Forms
7. Images
8. Div and Spans
9. Iframe
10. HTML Comments
11. CSS Linking
12. Audio, Video Tags

CSS

1. Introduction
2. CSS Selectors
3. CSS Properties
4. CSS Borders
5. CSS Margins and Padding
6. CSS Fonts
7. CSS Tables
8. CSS Background
9. CSS Images

BOOTSTRAP

1. Layout and Content
2. Bootstrap Components / Accordion
3. List group, Modal
4. Navbar Navs & Tabs, Pagination, Placeholders
5. Toasts, Tooltips, Bootstrap Utilities
6. Bootstrap Icons
7. Layout and Grids
8. Form control, Select Checks & Radios
9. Range, Input Group
10. Floating Labels & Form Validation

JAVASCRIPT

1. Introduction to JavaScript JS
2. Variables & Data Types
3. JS Decision Control Statements
4. JS Loop, For Each, For ..Of.
5. JS Array & Array Methods
6. Map & Filter Functions
7. JS String, Date, & NumberObjects
8. JS Functions, Callbacks, & Arrow Functions
9. Let, Var, & Const Keywords
10. JS Event & EventListerner Method
11. JS DOM
12. JS Validation (regex)
13. JS Object & JSON, Prototypes
14. JS Hoisting Array
15. Destructuring Spread Operator
16. JS Promises, Async, & Await
17. ES5 vs Es6 vs Es7
18. Frontend Projects

REACT.JS

1. Introduction to React
2. React Lifecycle
3. Add Dependencies & Plugins
4. React.js Component
5. Rendering Function Component, API State
6. Props
7. Creating a React Component
8. Creating a Function Component
9. React.js - Events, Simple Example of Child Events.
10. React.js - Redux & Concept of Redux
11. React.js - Router Install a React Router, Create Components, Add a Router
12. HOOKS in React
13. Hook State & Hook Effect
14. Creating a Mock API Server, Server-Side Rendering
15. SASS Overview

BACKEND

Technologies

NODE.JS

1. Introduction to Node.Js
2. Functions& Module
3. Node Package Manager
4. nstalling Packages Locally &Globally
5. Creating Web Server
6. Sending Requests & Handling HTTP Requests
7. File System & I/O Operations
8. Make a Call From Frontend to Server

EXPRESS.JS

1. Express Intro
2. Configuring Routes
3. Serving Static Resources & Files
4. Working With Middle Ware
5. Database Connectivity (MongoDB)
6. Updating Records
7. Working with Commands
8. Express Params and Query String
9. JWT Token, Passport.js

DATABASES

MONGO DB

1. Introduction to Mongo DB
2. MongoDB / DynamoDB
   overview ,Installing MongoDB
3. Connecting and Inserting Data
4. Basic Operations
5. CRUD Operations
6. Aggregations
7. Indexing
8. Replication & Sharding

OTHERS

1. Git
2. GitHub
3. Project Deployment
4. AWS(Basics)
5. Cloud Computing(Basics)
6. Resume Building

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FOR MORE INFORMATION

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