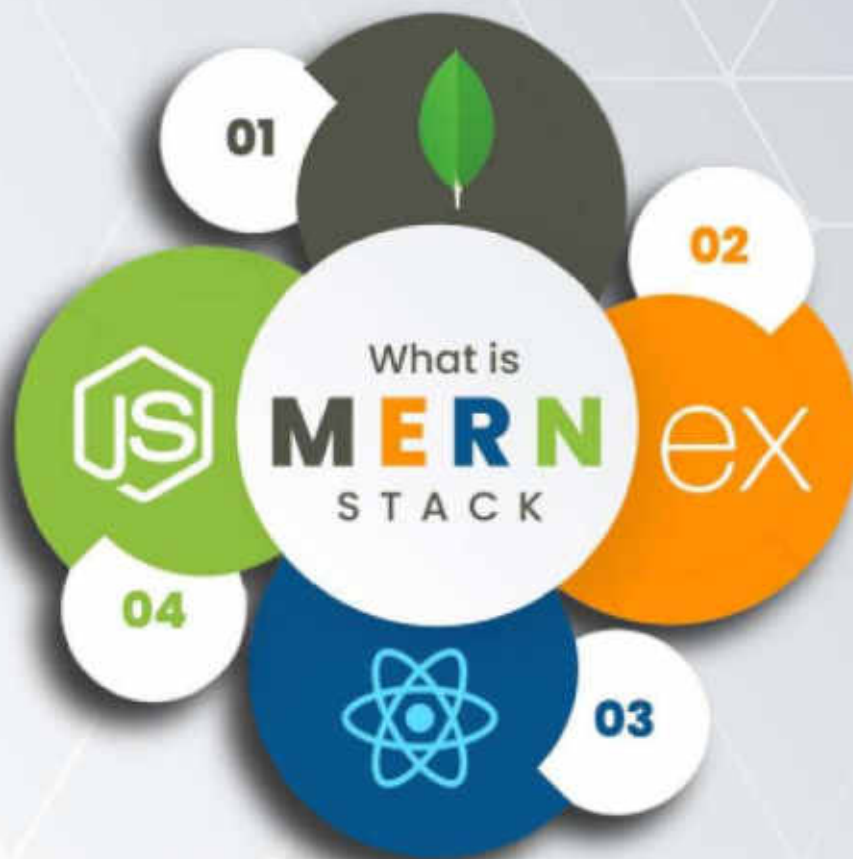




# SWIFTNLIFT IT TECH

( 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 & EventListener 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. Installing 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



# **SWIFTNLIFT IT TECH**

( SwiftNLift Media And Tech LLP )

**FOR MORE INFORMATION**

**8855850317 / 7620162336**

**Address**

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