



SWIFTNLIFT IT TECH

(SwiftnLift Media And Tech LLP)



CONTACT

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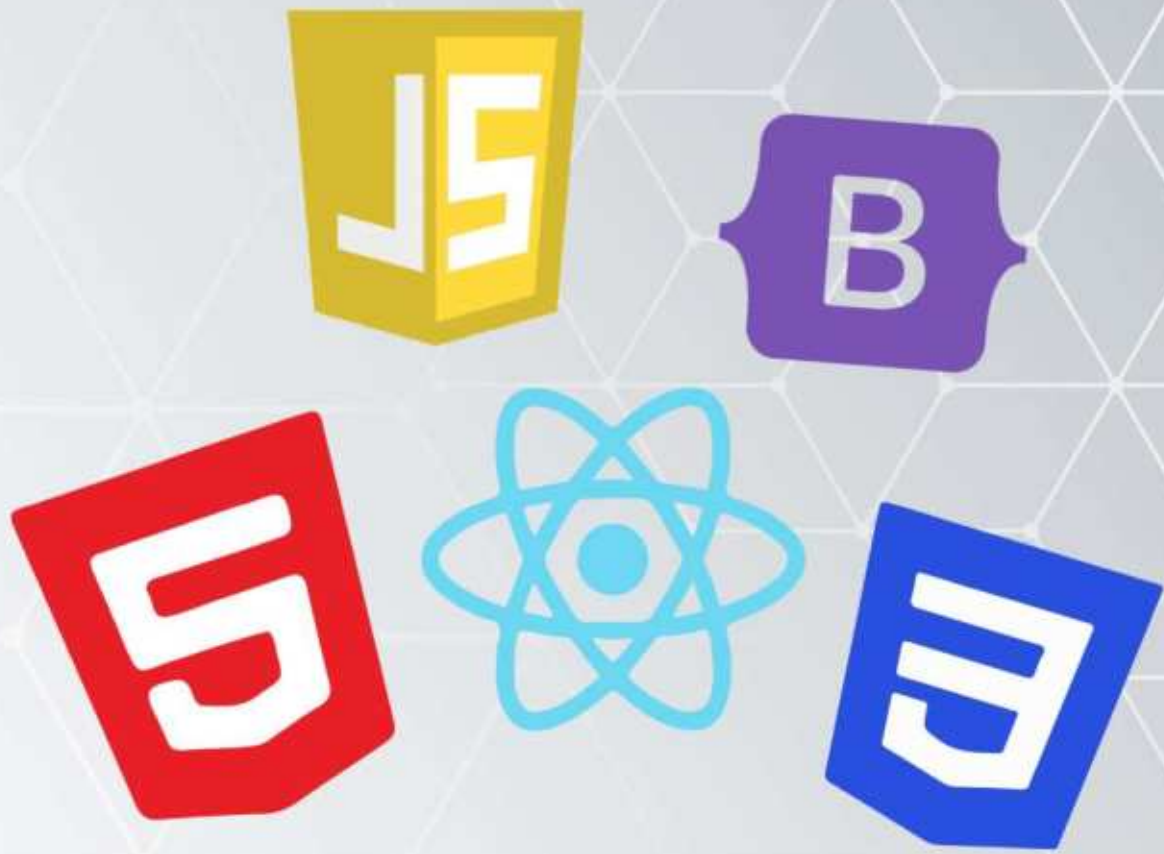
Address

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

PYTHON

Full 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
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 &
amp; 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*

PYTHON

1. Introduction to Python
2. Operators, Datatypes & Variables
3. String & Numbers
4. Control Statements, Loops
5. List, Ranges & Tuples in Python
6. Python Dictionaries and Sets
7. Input and Output in Python
8. Python built in function
9. Python Object Oriented
10. Exceptions, Regular Expressions.
11. Multithreaded Programming,
12. Python Functions, Methods, Modules And Packages
13. Python File Operations

DJANGO

1. Introduction to Django
2. Installing Django
3. Dynamic Web Pages
4. Django Template System
5. Django Administration site
6. Form Processing
7. Models
8. Static Files and Serving Static Files
9. Registration Redux module.
10. Views and URLconfs
11. Generic Views
12. Extending Template Engine
13. Language Review



DATABASES

SQL (STRUCTURED QUERY LANGUAGE)

1. Introduction
2. Database Fundamentals
3. SQL Essentials
4. Installation
5. SQL Statements
6. SQL Query
7. Advanced SQL

MONGODB

1. Introduction
2. Mongo Shell
3. Documentation and Collection
4. Insertion
5. Query Operators
6. Mongoose
7. Schema, Models.

OTHERS

1. Git
2. GitHub
3. Project Deploy
4. AWS(Basics)
5. Cloud Computing(Basics)
6. Resume Building
7. ML Basics
8. Data Science Basics.

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FOR MORE INFORMATION

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