

# **React Js Syllabus**

**DURATION – 6 MONTHS**

**MODE OF TRAINING – OFFLINE/ONLINE**



- 
- **Introduction to HTML**
  - **Basic HTML Tags**
  - **Text Formatting & Styles**
  - **Lists**
  - **Links & Navigation**
  - **Images & Multimedia**
  - **Tables**
  - **Forms & Input Elements**



# HTML5



- **Introduction to HTML5**
- **Semantic Elements**
- **HTML5 Forms & Input Types**
- **Audio & Video**
- **SVG (Scalable Vector Graphics)**
- **Project-1 static website**





# CSS



- Introduction to CSS
- Selectors & Combinators
- Box Model
- Colors & Backgrounds
- Typography (Fonts & Text Styling)
- Lists & Tables
- CSS Positioning & Layout



Activate Windows



# CSS 3



- Introduction to CSS 3
- Flexbox
- Grid Layout
- Pseudo classes and Pseudo elements
- Transitions & Animations
- CSS3 Shadows & Effects
- Media Queries & Responsive Design
- Advanced CSS Techniques
- Project-2 Responsive Website



Activate Windows

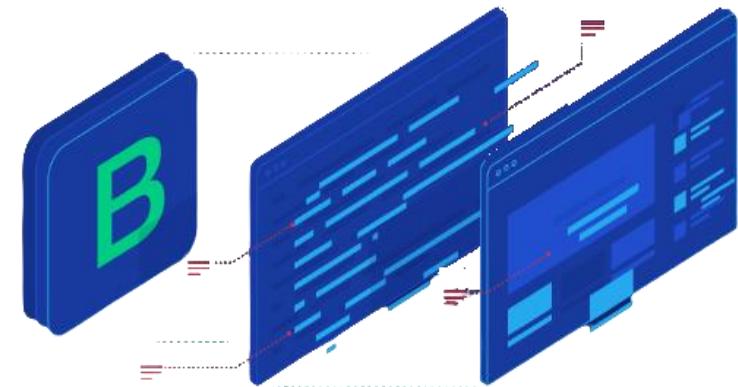


# BOOTSTRAP 4

## BOOTSTRAP 4

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- Installation Of Bootstrap 4
- Bootstrap Forms
- Bootstrap Containers
- Bootstrap Colors
- Bootstrap Buttons
- Bootstrap Cards
- Bootstrap Dropdowns
- Bootstrap Navbar
- Bootstrap Carousel
- Bootstrap Components
- Bootstrap Grid System
- Project-3 Responsive Website Development

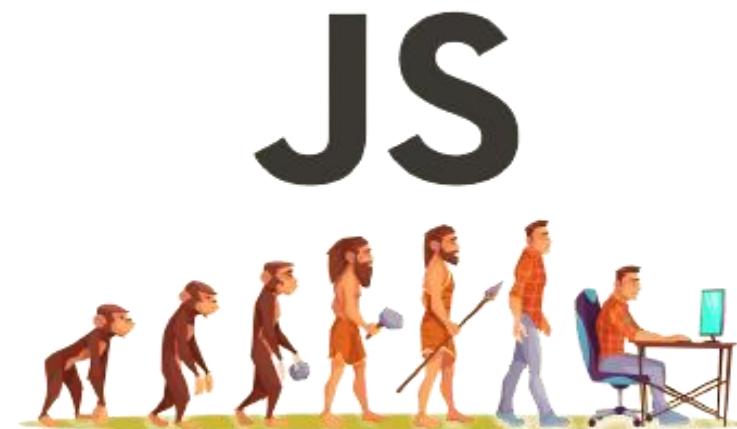




# JavaScript



- **Introduction to JavaScript**
- **JavaScript Basics**
- **Control Structures**
- **Functions**
- **Arrays & Objects**
- **DOM Manipulation**
- **Event Handling**
- **ES6+ Features**





# Advance Java Script



- **Asynchronous Programming**
- **Closures & Scope**
- **Error Handling**
- **Project-4**



# JQuery Syllabus



- **jQuery Intro**
- **jQuery Syntax**
- **jQuery Selectors**
- **jQuery Effects**
  - Hide/Show,Fade, Slide ,Animate,stop() ,Callback, Chaining
- **jQuery Get & Set**
- **jQuery Add jQuery & Remove**
- **jQuery CSS Classes & css(),Dimensions**
- **jQuery Traversing**
- **jQuery Traversing, Ancestors, Descendants, Siblings, Filtering**
- **jQuery AJAX**
- **1 Template website**

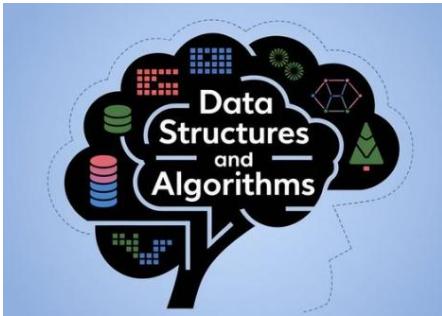


# Version Control System



- Introduction to Version Control
- Getting Started with Git
- Git Workflow
- Branching in Git
- Merging and Resolving Conflicts
- Working with GitHub
- Collaboration Workflows
- Advanced Git Commands and Techniques
- Best Practices for Git and GitHub



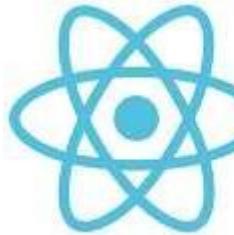


# Data Structures and Algorithms



- Time & Space Complexity
- Recursion
- Math Problem & Algorithm
- Linked List
- Stacks and Queues
- Sorting Algorithms (Bubble, Selection, Insertion, Merge, Quick)
- Searching Algorithms (Binary Search, Linear)

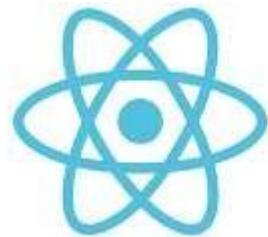




**React JS**



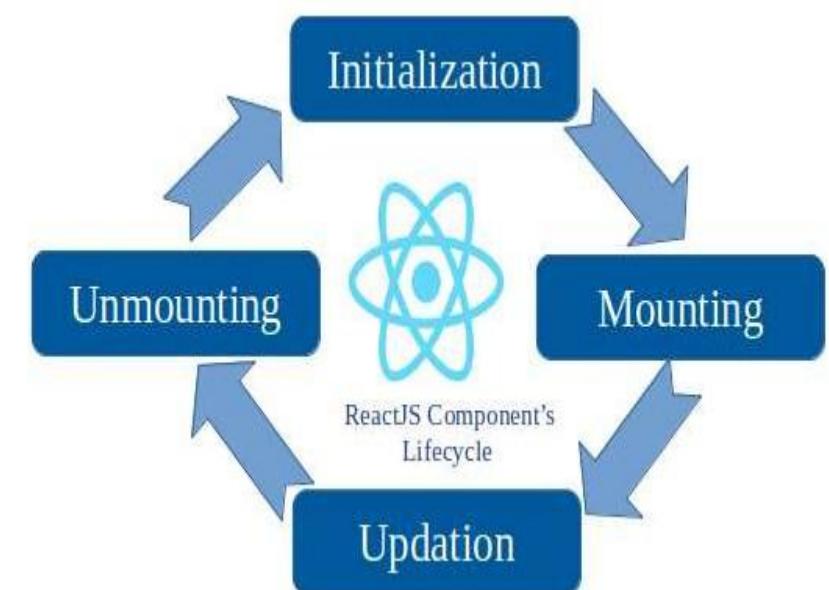
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- **Introduction to React.js**
  - **Core Concepts of React**
  - **How does React work?**
  - **Introduction to JSX**
  - **React Hooks**
  - **React Forms and Validations**
  - **React Router (Navigation in React)**
  - **State Management in React**
  - **Working with APIs in React**
  - **Performance Optimization in React**
  - **React UI Libraries and Styling**



**React JS**



- **Component Life-Cycle**
- **Render() method – Behind the Scenes**
- **Component Lifecycle – Creation**
- **Component Lifecycle – Updation**
- **shouldComponentUpdate() Lifecycle Method**





# SQL Syllabus



- Microsoft SQL Server installation
- Introduction to Basic Database Concepts
- Introduction to SQL Server
- DDL and DML Statements
- Working with Constraints
- Working with Queries (DQL)
- Joins and Set Operations
- Implementing Views
- Working with Stored Procedures and Functions
- Cover 400+ queries

# Aptitude

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## Quantitative Aptitude

- Average
- Percentage
- Profit and Loss
- Simple Interest
- Compound Interest
- Ratio Proportion
- Time and Work
- Time
- Speed
- Distance Number
- System
- Permutation and Combination
- Probability
- Data Interpretation

## Logical Reasoning

- Blood Relation
- Direction sense
- Coding and decoding
- Clocks and Calendar
- Cubes and Dices
- Seating arrangement
- Syllogism
- Data sufficiency
- Puzzles
- Miscellaneous



# Softskill



- Setting the tone
- Introduction of Be Employable
- Competency Matrix
- Effective Communication
- Presentation skills
- Business Communication
- Attitude + Motivation
- Emotional Intelligence
- Leadership
- Create CV/Resume
- Group Discussion
- Mock Group Discussion
- PI practice
- Virtual Interview
- Industry Knowhow and future, Certifications and action plan

# Key Feature

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- Trainer with 12+ Years of Experience
- 200 hours of high-quality course
- Best Quality Training
- Live Project Experience
- Demo Lectures are available
- In-depth Course Contents
- 100 % Placement Assistance
- Internship support



# Orange Itech Offer You



INTERNSHIP





# THANK YOU

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