

Hyper Text Mark-up Language (HTML5)

- Introduction HTML
- HTML Basics
- HTML Elements
- HTML5 Semantic
- HTML Attributes
- HTML Headings
- HTML Paragraph
- HTML styles
- HTML Formatting
- HTML Quotations
- HTML Computer Code
- HTML Comments & Colors
- HTML CSS, Links, and Images
- HTML Lists
- HTML Blocks
- HTML Classes
- HTML Layout
- HTML Responsive
- HTML iframes
- HTML JavaScript
- HTML Head

Cascading style Sheet (CSS)

- Introduction CSS3
- CSS3 syntax
- CSS3 How To
- CSS3 Colours
- CSS3 Backgrounds
- CSS3 Borders
- CSS Padding
- CSS Height/Width
- CSS3 Gradients
- CSS3 Shadows
- CSS3 Text
- CSS3 Fonts
- CSS3 2D Transforms
- CSS3 3D Transforms
- CSS Links
- CSS Lists
- CSS Tables

- CSS Box Model
- CSS Outline
- CSS Display
- CSS Max-width
- CSS Position
- CSS Float
- CSS Inline-block
- CSS Align
- CSS Combinators
- CSS Pseudo-class
- CSS Pseudo-element
- CSS Navigation Bar
- CSS Dropdowns
- CSS Tooltips
- CSS3 Images
- CSS Attr Selectors
- CSS Forms
- CSS Counters
- CSS3 Animations
- CSS3 Buttons
- CSS3 Pagination
- CSS3 Multiple Columns
- CSS3 User Interface
- CSS3 Box Sizing
- CSS3 Filters
- CSS3 Media Queries.
- CSS3 Responsive

Bootstrap

- Introduction to Bootstrap
- Bootstrap Basics
- Bootstrap Grids
- Bootstrap Themes
- Bootstrap CSS
- Bootstrap JS

JavaScript

- Introduction to JavaScript
- JavaScript Language Basics
- JavaScript Objects

- JavaScript Scope
- JavaScript Events
- JavaScript Strings
- JavaScript Numbers
- JavaScript Math
- JavaScript Arrays
- JavaScript Boolean
- JavaScript Comparisons
- JavaScript Conditions
- JavaScript Switch
- JavaScript Loops
- JavaScript Type Conversion
- JavaScript RegExp
- JavaScript Errors
- JavaScript Debugging
- JavaScript Hoisting
- JavaScript Strict Mode
- JavaScript Functions
- JavaScript Objects
- JavaScript Forms
- JavaScript HTML DOM
- JavaScript BOM

jQuery

- Introduction to jQuery
- jQuery Syntax
- jQuery Selectors
- jQuery Events
- jQuery Effects
- jQuery HTML
- jQuery Traversing
- jQuery AJAX & Misc

jQueryM

MySQL

MERN Stack Course Outline

- Introduction to ReactJS
- Understand ReactJS Library & directory

- React Components
- Types of Components
- Build a simple React component
- Component composition
- Component styling
- Add styles to your components
- Component inter communication
- How to pass data from one component to another
- Routing
- Using Routing to create single page app
- Hooks • States
- Hooks vs States
- Types of Hooks
- Redux
- Using Redux as state container for react apps
- React Bootstrap
- How to deploy ReactJS App

Nodejs

- Introduction to Nodejs
- Architecture of Nodejs Application
- Synchronous and Asynchronous Programming
- Call back Function in nodejs
- Promises in Nodejs
- MongoDB with Nodejs
- Design the Schema in Nodejs
- Design the Rest API's
- GET,POST,PUT,DELETE
- JSON web Token Authentication in nodejs
- Create the Auth APP in nodejs
- Create the E-commerce Backend
- Integrated Payment Gateway

ExpressJS (Building RESTFUL API's Using Express)

- Express
- Restful services
- Introducing Express
- Building your First Web Server
- Nodemon
- Environment Variables
- Route Parameters
- Handling HTTP GET Request
- Handling HTTP POST Request

- Calling Endpoints Using Postman
- Input Validations
- Handling HTTP PUT Request
- Handling HTTP DELETE Request
- Project- Build the Genres API

MongoDB

- Introduction to MongoDB (No-sql)
- Collections in MongoDB
- Documents In mongoDb
- Difference between Mysql and NoSql
- Inserting data into database
- Filter queries in MongoDB Database
- Schema Validation in MongoDB database
- Indexing In collections
- Aggregation in MongoDB
- Embedded Document in MongoDB



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