

Complete Front-End Development Program

Overview:

With an ongoing dynamic world, ever one thinks to have some different and unique. In this artistically world, numbers of internet and IT topologies have been developed at the regular interval time in order to cater the needs of an emerging world. Today, web solutions and other IT technologies have gained a lot of favorability among the students while selecting the bright career option. In these different internet technologies. **Complete Front-End Development Program** is among the highly popular and nurture course curriculum that is mostly demanded by the all types of web companies. We offer the students with an instant job under the high salary packages.

Course Objectives:

- Developed modern, complex, responsive and scalable web applications, Mobile Application, Software
- Use their gained, deep understanding of the UI fundamentals to quickly establish themselves as frontend developers
- Fully understand the architecture behind an Front- End Developments and how to use it
- Create Attractive And Static Layouts with one of the most modern JavaScript, Angular, React Js frameworks out there
- Students will get the live project training, from which they know how to tackle the error in real world.

Module 1: **HTML**

- HTML introduction
- HTML formatting
- HTML CSS
- HTML Link
- HTML Images
- HTML Tables
- HTML List
- HTML iframe
- HTML Javascript
- HTML formatting
- HTML colors
- HTML class
- HTML Id

- HTML layouts
- HTML file paths
- HTML responsive
- HTML forms
- HTML Forms Validations
- HTML div
- HTML media
- HTML Canvas
- HTML SVG
- HTML plug-in
- HTML Web storage
- HTML templets Integration

Module 2: **CSS**

- CSS introduction
- CSS selectors
- CSS comments
- CSS colors
- Background-property
- CSS Borders
- CSS margin
- CSS padding
- CSS Height/Width
- CSS Box Model
- CSS Text
- CSS Fonts
- CSS Link
- CSS Icons
- CSS Tables
- CSS Position
- CSS Overflow
- CSS Float
- CSS Pseudo-class
- CSS Pseudo-elements
- CSS opacity
- CSS Navigation bar
- CSS Dropdown

- CSS images
- CSS Form
- CSS Rounded Corner
- CSS Gradients
- CSS Shadows
- CSS Text- Effects
- CSS Animation Effects
- CSS pagination
- CSS Buttons
- CSS Flexbox
- CSS Media Query
- CSS Videos
- CSS Grid

Module 3: **BOOTSTRAP - 5**

- Bootstrap Introduction
- Bootstrap Containers
- Bootstrap Grid
- Bootstrap Progress bar
- Bootstrap Alerts
- Bootstrap Buttons
- Bootstrap Background-color
- Bootstrap Color
- Bootstrap Tables
- Bootstrap Images
- Bootstrap Dropdown
- Bootstrap Collapse
- Bootstrap Navigation bar
- Bootstrap Sticky navigation bar
- Bootstrap Pagination
- Bootstrap Model
- Bootstrap Carousel
- Bootstrap Icons
- Bootstrap Media query
- Bootstrap Carts
- Bootstrap Flex
- Bootstrap Layouts
- Bootstrap Demo integrations
- Bootstrap Templets Integrations

Module 4: JAVASCRIPT

- Js introduction
- Js syntax
- Js variable
- Js operator
- Js datatype
- Js function
- Js objects
- Js events
- Js string
- Js array
- Js date
- Js loop
- Js regular expression
- Js error handling
- Js hoisting
- Js this,let,var, const
- Js arrow function
- Js style
- Js reserved word
- Json
- Js DOM
- DOM methods
- DOM Elements
- DOM HTML
- DOM CSS
- DOM Events
- DOM Navigation
- Js popup alert
- Js alert
- Js location
- Js cookies
- Js form
- Js OOP
- OOP Class
- OOP methods
- OOP Objects

- OOP Inheritance
- OOP Polymorphism
- OOP Interface
- OOP abstract
- OOP Arrow function
- OOP namespace
- Js animation
- Js web layouts
- Js demo implementation
- Js plug in implementation
- Js dynamic demo
- Js desktop application

Module 5: JQUERY

- jQuery introduction
- Install and use JQuery library
- First jQuery Example
- jQuery Syntax
- jQuery selector
- jQuery id
- jQuery class
- jQuery this
- jQuery tag name
- jQuery Effects
- jQuery hide show
- jQuery fade
- jQuery slide
- jQuery animation
- jQuery stop/ start
- jQuery callback
- jQuery model
- jQuery chaining
- jQuery Get
- jQuery Set
- jQuery Add
- jQuery Remove
- jQuery CSS class
- jQuery Filtering
- jQuery Load

- jQuery Ajax

Module 6: JSON

- JSON introduction
- JSON Data type
- JSON Object
- JSON Parse data
- JSON Array
- JSON Dynamic
- JSON Back-end
- JSON Stringify
- JSON format
- JSON HTML

Module 7: AJAX

- AJAX introduction
- AJAX Load
- AJAX Selector
- AJAX States
- AJAX Error handling
- AJAX URL
- AJAX get method
- AJAX post method
- AJAX response
- AJAX request
- AJAX data retrieve
- AJAX database connectivity
- AJAX with PHP
- AJAX with crud operation.

Module 8: TYPESCRIPT

- Typescript introduction
- Setup enviourments
- Data types
- Array
- Tuples
- Any & void

- Type casting
- Const declaration
- Variable
- Interface
- Class
- Construction Methods
- Type assertion
- Static property
- Abstract class
- Interface
- Duck type
- Generic
- Generic type
- Generic interface
- Generic class
- Modules & namespace
- Export
- Import
- Ambients

Module 9: **ANGULAR – (Updated Version)**

- Introduction
- Environments Setup
- npm commands
- Booting process
- Components
- Module
- View
- Templates
- Style
- Directives
- Components directories
- Property directories
- Attribute directories
- Data Binding
- Pipes
- Custom pipe
- Filter pipe
- Build pipe

- Parametrized pipe
- Services
- Routing
- Routing
- Routing strategy
- Routing base href
- Routing module
- Routing outlet
- Configuring routing
- Parameterized routing
- Redirecting routing
- Wildcard routing
- Child routing
- Lazy loading
- Rout guard
- Form
- Validation
- Reactive form
- Value set & get
- Observable
- Dependency injections
- Service
- HTTP client
- HTTP GET
- HTTP POST
- HTTP DELETE
- HTTP HEADER
- Testing
- E2e testing
- Deploying Angular App
- Configuration Environments applications
- Introduction node JS
- Introduction Mango DB

Module 10: React Js – (Updated Version)

- Introduction to React
- Why React
- Advantage of react
- React Development Style
- Installing Node Js
- Installing visual studio code
- Vs Extensions for React Js
- Vs Extensions for Angular Development
- Setting up React App
- Running a React App
- React Initialization Process
- React Virtual DOM
- React Ecosystem
- React vs Other Framework
- Introduction to JSX
- JSX For components
- Attributes
- Expressions
- React Without JSX
- Render Element
- Understanding Components
- Creating a components
- Types of components
- Functional Components
- Class Components
- Component Lifecycle
- Virtual DOM
- Composition
- Communication between Components
- Reusable Components
- One way data Flow in React
- Passing data into parent components
- Handling State Of Components
- Event and Action
- Handling Events
- Communication Among Components
- Introduction to Redux
- Redux vs Flux

- Redux flow Overview
- Redux Setup
- Actions
- Reducer and Root Reducers
- Store
- Dispatch Action
- Action Creators
- Async Action Creators
- Async Flow
- Promises
- Understanding routing
- Introduction to React Router
- Defining Routes
- Routes handling
- Handling route Parameters
- Nested Routes
- Introduction to react Form
- Creating Form
- Form Validation
- Custom Validations
- Introduction To Node
- Uses Of Node js
- Use of Node Js
- Creating Node Js App
- Building a Web server
- HTTP Request Methods, Headers
- Response Codes and Headers
- Understanding Express
- Installing Express
- Creating Running Express App
- Introduction to REST
- Creating REST API Using Express
- Introduction to Postman
- Testing REST API Using Postman REST Client
- Introduction to unit Testing
- React Unit test Setup
- React Unit test Framework
- Testing Component
- Testing DOM Manipulations
- Testing Property and State
- Simulating Events

- Discuss Project Architecture
- Developing Application Architecture
- Designing DB and REST Services
- Developing Front Using React
- Security
- Route Protection
- Cloud Deployments

Module 10: Integrations

- Templets integrations
- jQuery plug in integration
- Page layouts integration
- Domain Integrations
- Hosting Server Integrations
- Project Deployment On Server
- GitHub Integrations

Module 16: Projects (Industrial Based Projects)

- No of Cover Projects- 8.

(Note: Anyone have interested doing more project we are always ready.)

Module 17: Why choose us

- 100% Practical Approach
- Work On Industrial Based Projects
- 100% Placement Program
- 100% Practical Knowledge Guarantee
- More than 200+ student placed in 23+ MNC Company
- We make an independent Developer
- We support Your Career For Lifetime
- Guidance For many More Development Career Opportunity
- We Make a Developer

Module 18: Course Durations

- 5 Months.

Note:

- Development Syllabus is never be predicted. We make this Content Just Kind of idea for your understanding how many technology or Module We are covered.
- We are cover each and every topics on 100% Practical Approach.
- Our Focus for Every student become a 100% Independent Developer.
- For Framework you have only one options selected only one like Angular or React Js
- If you want to get high Package salary for next 2-3 year. We are promised to you defiantly our team help to reach their.
- Right now we are plan only front end Development program. But After Some time we planned also Completed Backend Development Program
- We are always with you for reach Your Destinations.
- We Make a Developer.



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