



SHREETECH SOFTWARE DEVELOPMENT

TRANSFORM ENERGY INTO TECHNOLOGY

you can learn from anywhere take Full Stack Developer Course through Online.

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CSS

- 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.

Bootstrap

Module Objectives:

- To become proficient in Bootstrap concepts
- To develop a web pages based on Bootstrap

Overview:

This course is targeted for fresh engineers or professional who want to build competency in the Bootstrap

Based web development.

Detailed Course Contents:

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

JavaScript

Module Objectives:

- Building Strong expertise to develop front end application using HTML5, CSS3 and JavaScript along with jQuery and AngularJS framework
- Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone

Overview:

Detailed Course Contents:

- 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

Module Objectives:

- Building Strong expertise to develop front end application using HTML5, CSS3 and JavaScript along with jQuery and AngularJS framework
- Implement MVC and responsive design to scale well across PC, tablet and Mobile Phone

Overview:

This course provides you hands-on experience and exposure to develop jQuery Mobile based responsive web application. It builds strong foundation of jQuery which will help developer to apply concepts for responsive web frontend development.

Detailed Course Contents:

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

Module Objectives:

Overview:

This course is targeted for fresh engineers or professional who want to build competency in the Object-Oriented Programming. We focus on understanding OOPs concepts and its applications.

PHP & Mysql

Part 1: PHP Crash Course

- Using PHP
- Embedding PHP in HTML
- Adding Dynamic Content
- Accessing Form Variables

Part 2 : Storing and retrieving data

- Opening a file
- Writing a File
- Closing a File
- Reading from a File

Part 3 : Using Arrays

- Numerically Indexed Array
- Associative Arrays
- Sorting Arrays
- Recording Arrays
- php
- gscII-@

Part 4: String Manipulation and Regular Expressions

- Formatting Strings
- Joining and Splitting Strings with String Functions
- Comparing Strings
- Matching and Replacing Substrings with String Functions

Part 5: Reusing Code and Writing Functions

- Using require() and include()
- Using Functions
- Parameters
- Recursion

Part 6: Object — Oriented PHP

- Object - Oriented Concepts & Creating Classes, Attributes, Operations in PHP
- Implementing Inheritance in PHP & signing Classes

Part 7: MVC with Laravel

- Laravel Installation
- Working with Forms

- Working with Controller
- Laravel Blade Template with Bootstrap
- Responses with Html
- Laravel Migration
- Laravel Requests, Models
- Laravel Eloquent ORM

Build a Complete App in Laravel

Part 8: Designing your web database

- Relational Database Concepts
- How to Design Your Database & Web Database Architecture

Part 9: Creating your web database

- Creating Databases and Users
- Introduction to MySQL' Privilege System
- Setting Up a User for the Web
- Creating Database Tables

Part 10: Working with your MySQL database

- Inserting, Retrieving and Updating Data in to the Database
- Altering Tables after Creation

Part 11: Accessing your MySQL Database from the web with PHP

- How Web Database Architectures Work
- Checking and Filtering Input Data
- Setting Up a connection & Querying the Database

ReactJS (Building Web App using ReactJS)

Module Objectives:

- ReactJS basically is an open-source JavaScript library which is used for building user interfaces

specifically for single page applications.

- It's used for handling view layer for web and mobile apps.

Overview:

ReactJS is JavaScript library used for building reusable UI components. According to React official

documentation, following is the definition. It encourages the creation of reusable UI components, which

present data that changes over time. React abstracts away the DOM from you, offering a simpler

programming model and better performance. React can also render on the server using Node, and it can

power native apps using React Native. React implements one-way reactive data flow, which reduces the

boilerplate and is easier to reason about than traditional data binding.

Platform:

- Linux (Fedora / Mandriva / Ubuntu) or Windows Host system
- Firefox, Chrome

MEAN Stack Course Outline

Angular (Type Script)

- Introduction to Angular
- Angular Application Architecture
- What is NgModule
- Angular Components
- Angular Templates
- Data Binding
- Types of Data Binding
- Modules Component Working
- Directives
- Structure Directives
- Template Routing
- Theme Implementation in Angular Framework
- Angular Forms
- Services
- Inject Services
- Angular Server Communication With Backend Server
- Working of Api's(GET,POST,PUT,DELETE)
- Complete Web application In Angular Framework

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

Express- Advanced Topics

- Middleware
- Creating a Custom Middleware
- Built-in Middleware
- Environments
- Configuration
- Debugging
- Templating Engine
- Database Engines
- Database Integration
- Authentication
- Structuring Express Applications

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

MERN Stack Course Outline

ReactJS

- 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

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- Introduction to Nodejs
- Architecture of Nodejs Application
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- Call back Function in nodejs
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