

# CERTIFIED PROFESSIONAL IN

## FULL STACK WEB DEVELOPMENT

### Html 5

#### Html Basics

- ♦ Create & Open HTML Pages
- ♦ Doctype & Basic Layout
- ♦ Setting Up Live Server (VSCode Extension)
- ♦ Meta Tags & Search Engines
- ♦ Headings, Paragraphs & Typography
- ♦ Hr Tag
- ♦ Links, Images & Attributes
- ♦ Lists & Tables
- ♦ Forms & Input
- ♦ Frame & Frame Linking
- ♦ Video Tag

### Css3

- ♦ Implementing CSS
- ♦ Basic CSS Selectors
- ♦ Div Tools Introduction
- ♦ Fonts In CSS
- ♦ Color Types
- ♦ Backgrounds & Borders
- ♦ Box Model, Margin & Padding
- ♦ Float & Alignment
- ♦ Link State & Button Styling
- ♦ Navigation Menu Styling
- ♦ Inline, Block & Inline-Block Display
- ♦ Positioning
- ♦ Form Style Challenge
- ♦ Form Style Solution
- ♦ Aside: Visibility, Order & Negative Margin
- ♦ Targeted Selectors
- ♦ Box Shadows
- ♦ Text Shadow
- ♦ CSS Variables (Custom Properties)
- ♦ Keyframe Animation 1
- ♦ Keyframe Animation 2
- ♦ CSS Transitions
- ♦ Transform Property
- ♦ Flex Board
- ♦ Web Layout Design

### Java Script

- ♦ Fundamental Of Java script
- ♦ Introduction
- ♦ Printing
- ♦ Data Types & variables
- ♦ var, Let and const
- ♦ Decision Making (if, if-else, Multiple if, Nested if)
- ♦ Operators

- ♦ Arrays
- ♦ Function
- ♦ Switch Case
- ♦ Error debugging
- ♦ Dom
- ♦ BOM
- ♦ JSON
- ♦ Ajax

Powered by 

**Duration : 6 Months**

### jQuery

- ♦ Introduction to jQuery
- ♦ Selectors
- ♦ Effects
- ♦ Callbacks
- ♦ Window and document Object
- ♦ Inner html
- ♦ Attributes
- ♦ Changing CSS
- ♦ Using Plugins

### Bootstrap 5

- ♦ Bootstrap Basics
- ♦ Bootstrap Grid System
- ♦ Fixed Layout vs. Fluid Layout
- ♦ Bootstrap Code Lookup
- ♦ Tables in Bootstrap
- ♦ Forms in Bootstrap
- ♦ Bootstrap Buttons
- ♦ Image Handling in Bootstrap
- ♦ Navbars using Bootstrap
- ♦ Input Sizing in Bootstrap
- ♦ Bootstrap Helper Class
- ♦ Creating a Jumbotron

- ♦ Alerts Plugin in Bootstrap
- ♦ Dropdown Plugin in Bootstrap
- ♦ Tooltips Plugin in Bootstrap
- ♦ Tabs Plugin in Bootstrap
- ♦ Popovers Plugin in Bootstrap
- ♦ Modals Plugin in Bootstrap
- ♦ Collapse Plugin in Bootstrap
- ♦ ScrollSpy Plugin in Bootstrap
- ♦ Carousel Plugin in Bootstrap
- ♦ Affix Plugin in Bootstrap
- ♦ Pagination in Bootstrap
  - Progress bars using Bootstrap

## MongoDB

### Introduction

- Set up mongodb
- Install Mongo Client
- Important MongoDB Queries
- Install Mongooses for NodeJS
- Extending the Rest API example to use database

## Express

- Introduction ExpressJS
- Creating Route and responding
- Sequencing Responses by Routes
- A Small Rest API Example
- Static Files and Middleware
- User API Route
- Structuring in App

## ReactJS

- What is React? What problem does it solve
- Introduction to Components based programming
- Virtual Dom
- JSX
- Rendering Elements
- Components and Props
- Class Components and Functional Components
- Project in React with what we have learned

## NodeJS

- Introduction NodeJS
- Understanding the flow Of request
- Working on responses and requests
- The Node Core(Callbacks and Error Handling)
- Modules (Understanding Node Modules)
- Exports and Require
- Events and Event Emitter

## Project

Project would be done by putting all the concepts together- MERNSTACK

## PHP With MySQL

- Comparing PHP with other Web scripting languages or technology
- PHP delimiters
- Variable initialization with PHP
- PHP Data types
- PHP Constants
- PHP Operators

### Conditional Statements

- If else
- If else if else
- Nested If
- Switch Case

### Looping

- For loop
- While loop
- Do while loop
- Nested Loop

### Introducing Array

- How to use an important programming construct: arrays
- Numerically Indexed arrays
- Non-Numerically Indexed arrays (Associative Array)
- Multidimensional arrays
- Array sorting

### Manipulation User Input

- Presenting the user with input options via different HTML form elements
- Retrieving form data with \$\_POST, \$\_GET and \$\_REQUEST arrays
- Preserving Data in Form inputs

**TIMINGS**

7:00 am to 8:30 am | 8:30 am to 10:00 am | 10:00 am to 11:30 am  
11:30 am to 1:00 pm | 1:30 pm to 3:00 pm | 3:00 pm to 4:30 pm  
4:30 pm to 6:00 pm | 6:00 pm to 7:30 pm

**CERTIFICATIONS**

**MICROSOFT | TALLY | CERTIFICATE | NIELIT | MARG**

**FEES STRUCTURE**

**ADMISSION FEES**

**INSTALLMENT**

**EXAM FEES**

**LUMPSUM FEES**



**JOB ASSISTANCE | INTERVIEW SESSION | MOCK INTERVIEW | PRESENTATION**

**ASSIGNMENTS | PERSONALITY DEVELOPMENT SEMINAR | DOUBT CLASSES | VOUCHERS | BILL BOOK**

## **DELHI SCHOOL OF SKILL DEVELOPMENT**

### **CONTACT DETAILS**

H-17/253, Near Rohini West Metro Station  
Sec-7, Rohini Delhi-85

**9212301072, 9811128610**

#### **Our Branches**

Green Park | Moti Nagar | Nangloi | Rohini | Tagore Garden

#### **TRAINING & ASSESSMENT PARTNERS**



**AUTHORIZED TESTING CENTER**