

# CERTIFIED PROFESSIONAL IN FULL STACK WEB DEVELOPMENT

Powered by **AI**

**Duration : 6 Months**

## 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

## 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

## Extra Benefits

**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

