



Full Stack Dot Net Development

“Become a Full Stack Dot Net developer”

In Just 100 Hours

(App. 3-4 months)

Blended Approach

Instructor Led-Hands on - 80 Hours

Real Time Project - 20 Hours

Transform your future with our education



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SKILL9 Academy
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Why take this course?

- Designed for Graduates/Under Graduates or job seekers and professionals who wants to enhance their technical knowledge
- Studying/Studied GRADUATION
- Any Graduate/engineer who is interested in Coding Freshers/Graduates
- Non-programming engineers

In addition Course helps you

- Improve your logical thinking: Improve your problem-solving abilities
- Improve your searching skills: Understand how software applications work
- Find a nice and well-paid job; Improve your self-confidence
- 100% JOB ASSISTANCE after completion of course to make your Profile reach to Hundreds of Recruiters in our network and with the company we have tie up

Features

- Real-Time Projects
- Hand's On Experience
- Mock Tests and Mock Interviews
- Daily Assignments and Seminars



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HTML

9 Hours



HTML Basics (1 hr)

- Introduction to HTML
- Web Architecture
- Document Structure

Setting Up Your Environment (1 hr)

- Visual Studio Code Installation and Extensions

Essential HTML (1 hr) Components

- HTML Tags
- HTML Comments
- HTML Elements
- Self-Closing Tags
- Text Elements
- Text Formatting

Creating Forms and Lists (2 hrs)

- HTML Forms
- Lists in HTML

Working with Media and Graphics (1 hr)

- Images and Attributes
- Video and Audio Integration
- Scalable Vector Graphics (SVG)

Layout and Document Structure (1 hr)

- Inline vs. Block Elements
- HTML Tables
- Semantic HTML
- Embedding Content with iFrames

Special HTML Features (1 hr)

- Marquee Tag
- The Element

Practical Application (1 hr)

- Resume Project
- Form Validation

Subject Evaluation



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Basics of CSS (1 hr)

- Introduction to CSS

Working with CSS Styles (2 hrs)

- Inline, Internal, and External CSS
- Managing Color Properties in CSS
- Text Styling and Font Management

Advanced CSS Styling (2 hrs)

- Positioning Elements in CSS
- Mastering Colors and Backgrounds, including Gradients
- Transitions and Animations in CSS
- Transformations in CSS
- Creating Box Shadows with CSS

Working with CSS Styles (1 hr)

- CSS Selectors and the Concept of Inheritance
- Class and ID Selectors in CSS

Layout and Design Techniques (2 hrs)

- The CSS Box Model
- CSS Sizing Units
- Styling Images and Backgrounds
- Advanced Layouts with Flexbox and Grid



Subject Evaluation

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Javascript

5 Hours



Introduction to JavaScript (1 hr)

- What is JavaScript?
- JavaScript in Web Development

JavaScript Statements & variables

- Expressions and Statements
- Semicolons in JavaScript

JavaScript Syntax

- Variables and Constants
- Comments
- Case Sensitivity

let, const, and var

- Using let
- Constants with const
- Legacy var Keyword

Arithmetic in JavaScript

- Mathematical Operators
- Operator Precedence

Data Types in JavaScript

- Primitive Data Types
- Objects and Reference Types

JavaScript Functions (1 hr)

- Declaring Functions
- Function Parameters and Arguments
- Return Statements

JavaScript Objects (1 hr)

- Creating Objects
- Object Properties and Methods
- Object Constructors

JavaScript Events & Array Methods & Comparison

- Event Listeners
- Handling User Interactions
- Working with Arrays
- Array Iteration Methods
- Equality and Inequality
- Strict vs. Loose Comparison



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Loops & Hoisting in JavaScript (1 hr)

- for, while, and do...while
Loops
- Loop Control Statements
- Variable and Function
Hoisting

Classes & this Keyword in JavaScript

- ES6 Class Syntax
- Context and Scope
- Using 'this' in Functions

ES6 Features (1 hr)

- Arrow Functions
- Template Literals
- Destructuring

Async/Await

- Handling Asynchronous
Code
- Promises and Async/Await

DOM Methods

- Selecting DOM Elements
- Modifying the DOM

Subject Evaluation



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C# - 1

20 Hours



Introduction to C# (1 hr)

- History of C# Version
- C# Code Execution
- Installing and Configuring Visual Studio
- Variable, Data Type
- Safe Type Casting with IS and AS Operator

Conditional Statements and Loops (3 hrs)

- Javascript Closure
- DOM Operators
- Operators precedence
- Conditional Statements: if, if..else if, switch
- Loops: do..while, while, for, foreach
- Jump Statements
- elements in javascript
- Json in javascript
- Ajax in javascript
- Canvas using javascript

Arrays and Strings (2 hrs)

- Arrays
- Types of Arrays
- Strings
- String Methods

OOPS (6 hrs)

- OOPS Concepts
- Access Modifiers
- Constructor
- Inheritance
- Methods
- Structure

Abstract Class, Interface and Partial Class (2 hrs)

- Abstract Class
- Interface
- Interface vs. Abstract Class
- Static Class
- Extension Methods
- Partial Class
- Partial Methods



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Property, Indexer (1 hr)

- Property
- Indexer
- Exceptional Handling
- Enum
- Attributes

Anonymous Type, Delegates (2 hrs)

- Extension Methods
- Anonymous Type
- Var and Dynamic
- Delegates
- Events
- Anonymous Methods
- Lambda Expression
- Expression Tree

Asynchronous Programming (3 hrs)

- What is Synchronous and Asynchronous?
- Asynchronous Programming Patterns in .NET
- Asynchronous Programming Model (APM)
- Event-based Asynchronous Pattern (EPM)
- Task-based Asynchronous Pattern (TAP)
- Async and Await in Task-based Asynchronous Pattern TAP
- Asynchronous vs. Multithreading

Subject Evaluation



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ASP.NET - 1

18 Hours



Introduction (1 hr)

- What is Scripting
- Client & Server Side Scripting.
- Scripting Languages Introduction
- What is ASP?
- What is ASP+?
- What is ASP.net
- ASP.NET Features.

Application Creation (1 hr)

- Creating Web Site
- What is Web Form
- Standard Controls Introduction
- Hyperlink, Button web Server Controls

Standard Controls (1 hr)

- Label
- Literal
- TextBox
- Calendar

Standard Controls (4 hrs)

- Dropdown List
- Listbox
- Checkbox List
- RadioButtonList
- Bulleted List
- View and MultiView control
- Adrotator Control
- Image and ImageMap Control.
- FileUpload control
- Panel control
- Placeholder control

Validation Controls (1 hr)

- Validating Form with Validation Controls of Asp.net
- Using RequiredFieldvalidator control
- Using CompareValidator Control
- Using RangeValidator Control
- Using CustomValidator control
- Create Server-side / Client-side functions for – CustomValidator Control



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ASP.NET - 2



Web user control (1 hr)

- Web user control
- Web Custom Controls

Session Management (3 hrs)

- About Cookies
- Application object
- Session Object

Intrinsic objects (1 hr)

- About Intrinsic objects
- Response
- Request

ADO.net (5 hrs)

- ADO.net Introduction
- .NET Data Provides
- Sample ADO Programs

Subject Evaluation



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Introduction (1 hr)

- What Is Database?
- What is Database Management System (DBMS)?
- What is Relational Model ?
- Introduction to RDBMS .
- Brief on E.F CODD .

Datatypes and Constraints (1 hr)

- What are Datatypes ?
- Types and Examples .
- How to use .
- What are Constraints?
- Types and Examples.
- How to use.

Statements in SQL (1 hr)

- Data Definition Language (DDL)
- Data Manipulation Language (DML)
- Transaction Control Language (TCL)
- Data Control Language (DCL)
- Data Query Language (DQL)

Software installation (1 hr)

- Installing and set up of software
- Working on Oracle 10g.

Operators (1 hr)

- Types and Examples

Data Query Language (DQL) (2 hrs)

- Select
- From
- Having
- Where
- Group By
- Order By

Functions in SQL (1 hr)

- Introduction on Pseudo Columns
- ROWID
 - Sum ()
- ROWNUM
 - Avg ()
- Working and Usage



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Sub Query (1 hr)

- Introduction to Sub Query
- Working of Sub Query
- Query Writing and Execution
- Types of Sub Query
 - Single Row Sub Query
 - Multi Row Sub Query
- Nested Sub Query.

Pseudo Columns (1 hr)

- Single Row Functions
- Multi Row Functions
 - Max ()
 - Min ()
 - Count ()

JOINS (3 hrs)

- What Is Join?
- Types of Joins.
- Cartesian Join
- Inner Join
- Outer Join
- Self-Join
- Queries and Examples.

Co- Related Sub Query (1 hr)

- Working and Examples

Data Definition Language (DDL) (2 hrs)

- Create
- Rename
- Alter
- Truncate
- Drop



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Database - 3

4 Hours



Transaction Control Language (TCL) (1 hr)

- Commit
- Save point
- Rollback

Data Control Language (DCL) (1 hr)

- Grant
- Revoke

Normalization (1 hr)

- Introduction to Normalization
- Types of Normal Forms
- Examples.

E R Diagrams (1 hr)

- Introduction to ERD
- Examples.

Subject Evaluation

SKILL 9
SKILLS FOR LIFE



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