SevenMentor
PVT.LTD

BECOME A MASTER IN
.NET FULL STACK

Your Path to Mastery Begins Here!

.Net Full Stack
Course Mission

SevenMentor Institute leads the way in providing cutting-edge IT Training and Skill Development across India. We have strived to establish an ideal learning atmosphere at all our training centers. We prepare our students to become dependable future professionals. Our institute aspires to promote universal access to learning for students. To achieve our mission of promoting better learning we invite all students to enroll in our .Net Full Stack Course. Join us today to make a fulfilling career in the Development sector.

SevenMentor
PVT.LTD

.Net Full Stack STATISTICS:

INDUSTRY INSIGHTS

85% Website have some form of .Net Full Stack based Applications

34% Year on Year Growth For All .Net Full Stack Jobs

Learn .Net Full Stack and Be in Demand Always!

In today's rapidly evolving Tech Industry, being a skilled .Net Full Stack Developer is a valuable asset. There is an unprecedented requirement of all rounders and dynamic developers in the website building domain. SevenMentor's comprehensive .Net Full Stack Course is designed to equip you with the knowledge and practical skills to handle every aspect of Web Development.

SevenMentor
PVT.LTD

Become an Omnipresent
.Net Full Stack!

.Net Full Stack is like being the architect of the digital world. It's the art of seamlessly connecting the visible, user-facing Front-End with the hidden, behind-the-scenes back-end of web sites and applications. .Net Full Stack Developer possesses a unique set of skills, combining the creative flair of a front-end developer with the problem-solving prowess of a back-end developer. Whether you dream of working with innovative startups, established tech giants, or even launching your own projects, the possibilities are endless.

SevenMentor
PVT.LTD

04

Start Learning to Start Applying:

Gain practical .Net Full Stack experiences through well designed courses, latest tools and excellent teachers.
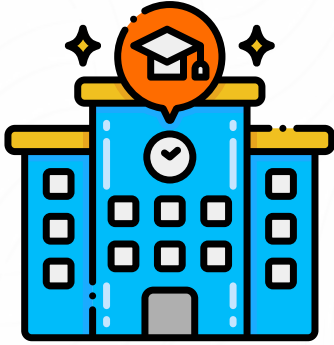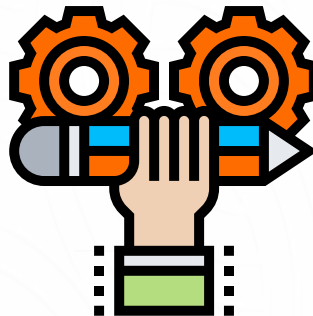
Experienced Faculty
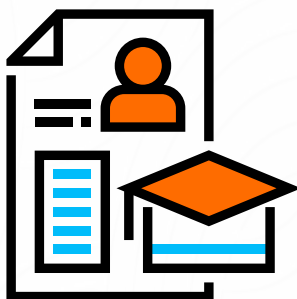
Flexible Scheduling

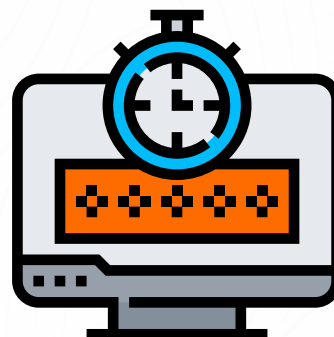**Hands-On Learning**

Mock Interview Sessions

Real-World Projects

Career Support

Comprehensive Curriculum

Lifetime Access

SevenMentor
PVT.LTD

05

C#

1. Overview

- .Net framework
- Strong Programming Features of C#

2. Environment

- The .Net Framework
- Integrated Development Environment
- (IDE) for C#
- Writing C# Programs on Linux or Mac OS

3. Program Structure

- Creating Hello World Program
- Compiling and Executing the Program
- C# Keywords

4. Basic Syntax

- The using Keyword
- The class Keyword
- Comments in C#
- Member Variables
- Member Functions
- Instantiating a Class
- Identifiers
- C# Keywords

5. Data Types And Variables

6. Constants And Literals

- Integer Literals
- Floating-point Literals
- Character Constants
- String Literals
- Defining Constants

7. Operators

- Arithmetic Operators
- Relational Operators
- Logical Operators
- Bitwise Operators
- Assignment Operators
- Miscellaneous Operators

8. Decision Making

- if Statement
- if...else Statement
- The if...else if...else Statement
- Nested if Statements
- Switch Statement
- The ? : Operator

9. Loops

- While Loop
- For Loop
- Do...While Loop
- Nested Loops
- Loop Control Statements
- Infinite Loop

SevenMentor
PVT.LTD

10. Methods

- Defining Methods in C#
- Calling Methods in C#
- Passing Parameters to a Method
- Passing Parameters by Value

11. Arrays

- Declaring Arrays
- Initializing an Array
- Assigning Values to an Array
- Accessing Array Elements
- Using the foreach Loop
- Single dimensional Arrays
- Multidimensional Arrays

12. Strings

- Creating a String Object
- Properties of the String Class
- Methods of the String Class

13. Encapsulation

- Public Access Specifier
- Private Access Specifier
- Protected Access Specifier
- Internal Access Specifier

14. Classes

- Defining a Class
- Member Functions and Encapsulation

- C# Constructors
- C# Destructors

15. Inheritance

- Base and Derived Classes
- Initializing Base Class
- Multiple Inheritance in C#

16. Polymorphism

- Static Polymorphism
- Dynamic Polymorphism

17. Interfaces

- Declaring Interfaces

18. Namespaces

- Defining a Namespace
- The using Keyword
- Nested Namespaces

19. Exception Handling

- Exception Classes in C#
- Creating User-Defined Exceptions

20. File I/O

- I/O Classes
- The FileStream Class
- Advanced File Operations in C#
- Reading from and Writing to Text Files
- The StreamReader Class
- The StreamWriter Class

SevenMentor
PVT.LTD

07

21. Delegates

- Declaring Delegates
- Instantiating Delegates
- Multi casting of a Delegate
- Using Delegates

22. Events

- Using Delegates with Events
- Declaring Events

23. Dependency Injection

24. Collections

- Array list Class
- Hashtable Class
- SortedList Class
- Stack Class
- Queue Class
- BitArray Class

25. Generics

- Features of Generics
- Generic Methods
- Generic Delegates

26. Multithreading

- Thread Life Cycle
- Properties and Methods of the Thread Class
- Creating Threads
- Managing Threads
- Destroying Threads

27. Win Forms

- Working with controls (Label, text field, button, radio button etc..)

28. ADO.net

- What is ADO.net
- Connecting to backend
- Performing CRUD operations

SevenMentor
PVT.LTD

ASP.Net

SevenMentor
PVT.LTD

ASP.Net MVC

ASP.Net Web API

SevenMentor
PVT.LTD

ASP.Net Core

MS SQL Server

1. What is DBMS?

2. Types of DBMS

3. What is SQL?

4. What is SQL Server?

5. Features of SQL Server

6. SQL Server Installation

7. SQL Server Architecture

8. SQL Server Command Categories

9. SQL Server Data Types

10. DDL Commands

11. Keys in Database

12. Constraints in Database

13. DML Commands

14. Operators

15. Nested Queries

16. Joins

17. Stored Procedures

18. DCL Commands

19. TCL Commands

Web Development

1. HTML 4 and HTML 5.

A. Introduction of HTML

B. Tag, Elements and Attributes

C. Basics syntax

D. Table

E. List

F. Forms

G. Structure of HTML4 and HTML5

H. Semantic and non-semantic tags

I. HTML 5 Features

J. New Input type

K. Forms Attribute

L. SVG

M. Canvas

N. Audio, Video Tag

2. CSS (Cascading Style Sheet)

A. Attributes (ID, Class, Style, Title)

B. CSS Types (Inline, Internal, External)

C. Box-model

D. Display Property (Block, Inline, None)

E. Visibility-Hidden

F. Position Property(Static, Relative, Absolute, Fixed)

G. Z-index Property

H. Combinators (Descendant Selector, Child Selector, Adjacent Sibling Selector, General Sibling Selector)

SevenMentor
PVT.LTD

I. CSS Pseudo-classes (Link, Visited, Hover, Active)

J. CSS Pseudo-elements (First Line, First Letter, Before, After ,Selection)

K. Static Web Page

L. Viewport Meta tag

3. CSS

A. Background, Multiple Backgrounds

B. Font Related Features (online fonts)

C. Text-Effect and Box-Effect

D. Gradients-Linear and Radial

E. Transition

F. Transformation G. Animation

H. Media Queries

4. Bootstrap

A. Introduction of Bootstrap (Responsive)

B. Typography

C. Tables

D. Images, Buttons

E. Grid Structure-Type of columns

F. Forms

G. Jumbortron

H. Well

I. Panel

J. Navbar, Nav Tab

K. Carousel

L. Responsive Web Page

4. Bootstrap

A. Introduction of Bootstrap (Responsive)

B. Typography

C. Tables

D. Images, Buttons

E. Grid Structure-Type of columns

F. Forms

G. Jumbortron

H. Well

I. Panel

J. Navbar, Nav Tab

K. Carousel

L. Responsive Web Page

5. JavaScript

A. Introduction of JavaScript B. Use of JavaScript

C. Variables

D. Keywords

E. Data Type (Primitive, non-primitive)

F. JS Conditions (if, if-else)

G. Conditional operators & logical operators

H. Loops (for, while, do-while)

I. Switch Case

J. Functions

K. SetTimeout and set Interval Function

L. HTML DOM

M. Use the document object to access and manipulate HTML

N. Changing HTML Elements

SevenMentor
PVT.LTD

14

O. Adding and Deleting Elements

P. Array

Q. Objects

R. How to access Objects

(Dot Notation, bracket Notation)

S. Object Creation (Empty Object, Literal

Way, Constructor Way) T. Prototype

U. Validations

V. Events

4. **Document Traversal**

A. Getting a specific DOM element

5. **Event**

A. Events Helpers

B. Attach Event

C. Detaching Events

D. Events Triggering

6. **HTML Manipulation**
7. **AJAX with jQuery**
8.**Use and Benefits JSON**

6. jQuery

1. **Introduction**

A. JQuery Library

B. First JQuery Example

C. The Document Ready Function

D. How to escape a special character

2. **Selectors**

A. Basic selectors

B. Precise Selectors

C. Combination of Selectors

D. Hierarchy Selectors

E. Selection Index Filters

F. Visibility Filters

G. Forms Selectors

H. Forms Filters

3. **Find Dropdown Selected Item**

6. HTML Manipulation

7. Use and Benefits JSON

8. Project: Static Web App development from scratch and Hosting.

SevenMentor
PVT.LTD

Getting Started with React Course

- Intro to ReactJS
- Environment Setup and folder structure
- JSX
- Components
- State
- Props Overview
- Props Validation
- Component API
- Component Life Cycle
- Forms
- Events
- Refs
- Keys
- Router
- Animations
- Higher-order Components
- What is Virtual DOM
- A basic setup of Bootstrap for Styling

Virtual DOM Introduction

- Module Introduction
- Using types Classes Interface
- Generics Wrap up & Modules
- Deep dive into Virtual DOMs

The Basics of React

- Module Introduction
- How a React App gets loaded and started
- Components Creating new Component
- Analysis of the functionality of AppModule & Component Declaration
- Templates Understanding Component Styles Understanding Component Selector

Databinding & DOM Concepts

- Creating a basic custom attribute DOM
- Exploring Renderer to create a DOM
- Understanding HostListener and HostBinding Binding to DOM
- Properties Building Structural DOMs Exploring ngSwitch

Understanding Services & Implementing Dependency Injection

- Module Introduction
- Why Services are required
- Understanding Dependency Hierarchical Injector
- Injecting a Service into other services

Observables in React

- Module Introduction
- Understanding built-in React Observable
- Creating Observables Using a Custom observable
- Understanding Observable Operators

Forms in React

- Module Introduction
- Need to React's help Template Driven vs Reactive Approach

Making HTTP Requests in React

- Introduction & how HTTP request
- Works in SPAs Sending POST Request
- Adjusting request headers Sending GET requests

SevenMentor
PVT.LTD

Template Driven Approach

- TD: Submitting and Using the form
- TD: Understanding Form's State
- TD: Accessing Form using @ViewChild
- TD: Adding Validation to user input
- TD: Understanding Form State
- TD: Outputting Validation Error Messages
- TD: Using ngModel and two-way binding
- TD: Grouping Form Controls
- TD: Using Form Data

Authentication & Route Protection in React Apps

- Module Introduction How Authentication works in SPAs
- Introduction to JWT
- Firebase SDK Signing users up
- Signing users in Token

SevenMentor
PVT.LTD

Your Success Is Our Priority:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.

Anil Giri

Java full stack & .Net Full stack Trainer
(SevenMentor & Training Pvt. Ltd.)

Professional IT trainer with over decade and eight years of experience in Java and .NET Full stack technologies. Worked for many corporates and delivered corporate training PAN India also managed team of 50 trainers and has many accolades under his belt due to his excellence at work.

An expert at designing training courses with technical content, Effective at imparting knowledge through his superior verbal communication skills, active listening style and unique teaching pedagogy. He has proven success in utilizing cutting-edge technology to devise training exercises for all types of learners.

SevenMentor
PVT.LTD

THINGS THAT SET US APART FROM THE REST:

SevenMentor prepares you well so that you can embark on a rewarding career in .Net Full Stack through our training.

Hands-On Projects: Gain practical experience by working on real-world projects, building a robust portfolio that will impress potential employers.

Flexibility: Our flexible schedule options allow you to learn at your own pace, making it perfect for both beginners and experienced developers looking to upskill.
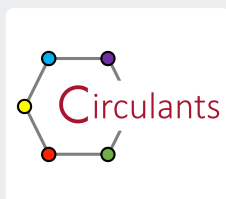
Career Support: We're dedicated to your success! Benefit from career guidance, resume building, interview prep, and job placement

Community: Join a vibrant community of like-minded learners, where you can collaborate, share ideas, and network with peers.
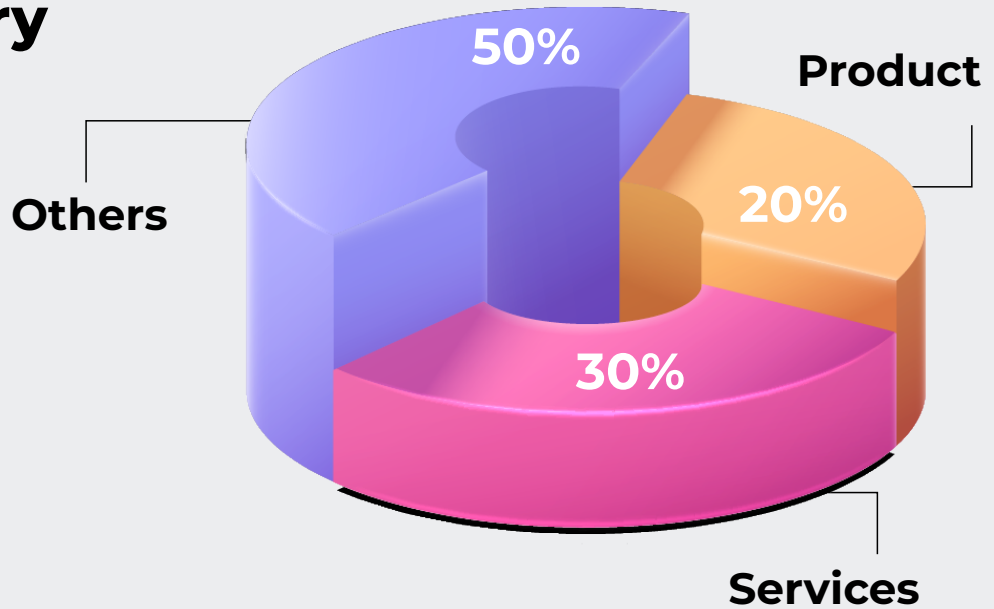
Our Students are at reputed Tech Companies

BAJAJ FINSERV

GT FINANCIAL SERVICES

INFERYX

The STRELEMA ®

pivotchain

LONAR TECHNOLOGIES

Simplify Healthcare

OMFYS

Scymes

KALA Genset Source of Power

Altum Credo Home Finance

iNFOWORLD THE SOFTWARE PEOPLE

NABLA INFOTECH

Circulants

SRV media Insights | Ideas | Impact

Rabbit&Tortoise TECHNOLOGY SOLUTIONS

NIMAP INFOTECH FOCUS TO REDEFINE
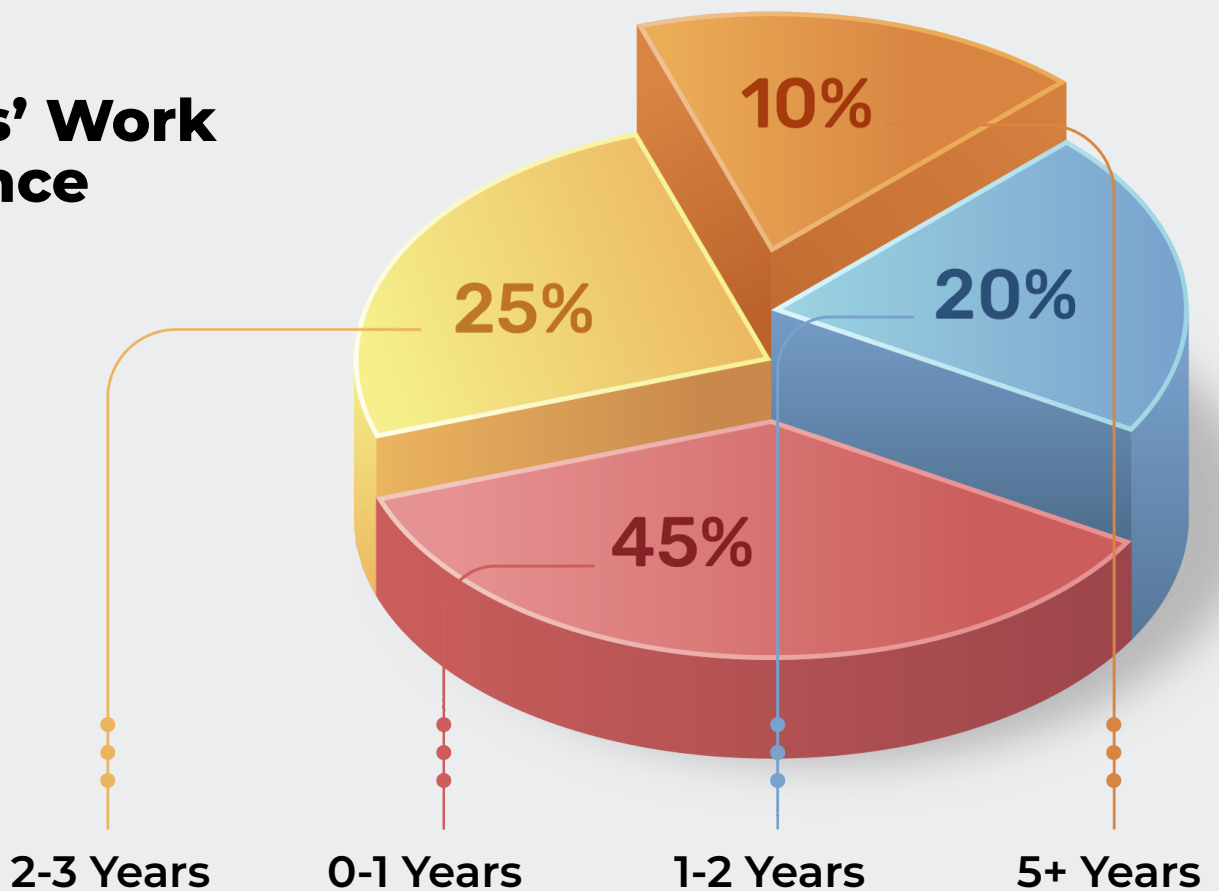
Integs Cloud

SevenMentor
PVT.LTD

19

Success is around the corner!

Consider the potential earnings and opportunities that a career in .Net Full Stack can offer. With .Net Full Stack you'll be well-positioned to secure a job that provides you with a stable and potentially prosperous future.
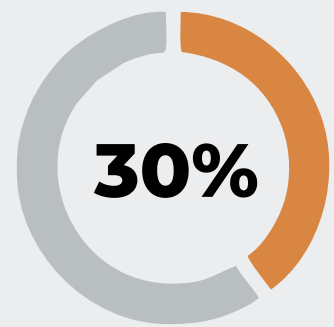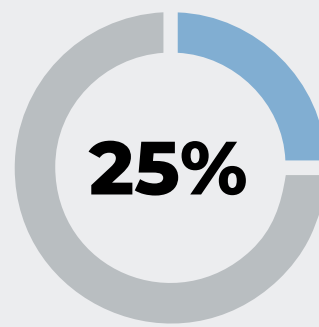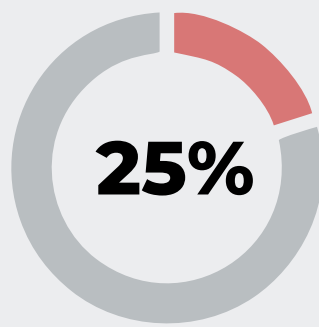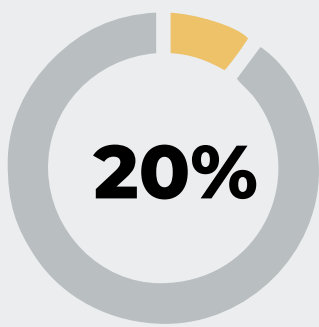
Learners' Industry Background

Others 50%
Product 20%
Services 30%

Learners' Work Experience

10%
20%
25%
45%

2-3 Years   0-1 Years   1-2 Years   5+ Years

SevenMentor
PVT.LTD

20

Learners' Expertise

20%   **25%**   **25%**   **30%**
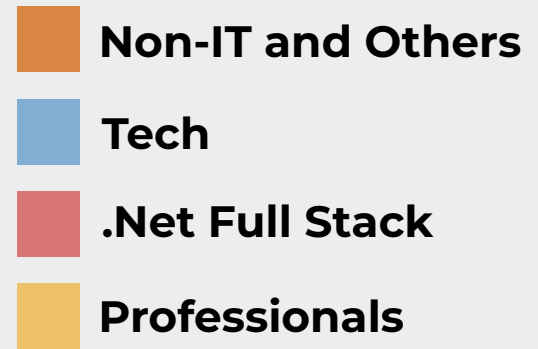
Begin Your Journey Towards Better Future:

The global .Net Full Stack vacancies will grow by 56% and generate 4 million new jobs by 2030.

So get ready to dive headfirst into the dynamic world of .Net Full Stack by gaining all round experience at SevenMentor Institute

SevenMentor
PVT.LTD

Affordable Training without Compromise:

We understand that pursuing your dreams in .Net Full Stack shouldn't be a financial burden. That's why we've made afford ability a cornerstone of our .Net Full Stack Course. We believe that quality education should be accessible to everyone, and we've structured our program to reflect this commitment. Our .Net Full Stack Course takes you on an exciting journey but at a substantially low price.

- -

How to become a great .Net Full Stack ?

- Enroll at **SevenMentor Institute**

- Get hands-on training from **experienced teachers**

- Receive Industry-recognized **.Net Full Stack Certification**

- Work for leading **MNCs** through our **on-campus interviews**

SevenMentor
PVT.LTD

Success is Just a Call Away!

So if you are ready to code your way to success? Enroll now at SevenMentor and unlock your potential as a .Net Full Stack Developer. Our counsellors are a call away and they will be more than happy to talk with you. Anyday, Everyday, we are there for you!

Request For Call Back

📞 **020 7117 3035**