



.NET Web Services Training Course

Project Based Immersive Learning Course

.NET Web Services Training Course Overview

This .NET Web Services course provides an overview of building distributed applications that can communicate with each other over the internet. The course covers the basics of SOAP and Restful architectures, XML as the data exchange format, and HTTP as the communication protocol. Participants will learn how to build web services using Visual Studio, and ASP.NET, as well as how to consume web services using a variety of clients, including web browsers, mobile devices, and desktop applications. The course also covers topics such as security, authentication, and deployment of web services. By the end of the course, participants will have the skills and knowledge needed to build and consume .NET web services for a variety of applications.

Benefits of .NET Web Services Training Course:

The .NET Web Services course provides a comprehensive understanding of the architecture, implementation, and deployment of distributed applications using web services. By taking this course, individuals can learn how to build interoperable and scalable applications that can communicate seamlessly across different platforms and devices. This can open up career opportunities in web development, application integration, and software engineering, as well as provide a strong foundation for further learning and professional growth in the field.

Who should learn?

- Programmers.
- Website specialists.
- NET designers.
- Front-end developers
- Associate Software Engineer
- Developers who want to transition to .NET
- Anyone who want to seek a career in Web Development.

Why do you need .NET Web Services Training Course?

Average Salary Growth:

The average salary growth of a .NET Web Services developer can vary depending on a variety of factors such as years of experience, location, company size, industry, and skill set. According to Payscale, the average salary of a .NET developer in the US is around \$73,000 per year, and can range from \$53,000 to \$108,000 per year based on the above factors. Additionally, the salary growth for a .NET Web Services developer can vary from year to year based on changes in the job market and demand for the skill set.

Industries:

The demand for .NET Web Services developers vary among different multinational corporations (MNCs) based on their business needs and technology stack. However, many MNCs use .NET technology for building web applications and services, and as a result, there is a continuous demand for skilled .NET Web Services developers. Some of the top MNCs that use .NET technology and may have a demand for .NET Web Services developers include Microsoft, Amazon, IBM, Oracle, HP, and Accenture, among others.

Position in Market:

According to recent statistics, .NET Web Services is ranked as the 6th most popular framework in the Frameworks category. Also job research websites such as Indeed, Glassdoor, and LinkedIn predict a positive job outlook for .NET Web Services developers in the coming years. According to data from Indeed, the job postings for .NET developers grew by 72% from 2015 to 2019. Similarly, Glassdoor reports that .NET developers are among the top 50 in-demand jobs in the US. LinkedIn also indicates a steady demand for .NET developers, with a 35% increase in job postings from 2017 to 2021.

Designations:

- .NET Web Services Developer
- Software Developer
- Full-Stack Developer
- Web Application Developer
- Senior Developer
- Development Manager

Why .NET Web Services Training Course from Education Nest

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**
- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- .NET architecture
- HTML, CSS
- Database connectivity
- Security
- Testing and debugging
- Performance optimization

.NET Web Services Training Course Syllabus

Module 1: (Introduction to Web Programming)

- Introduction to web technologies
- Types of Applications- Web, Desktop & Mobile Application
- Why Application and its importance
- Server Side and Client Side applications
- HTML
- CSS
- Silverlight
- .NET WEBSERVICES
- AJAX

Module 2: (Introduction to .NET Web Services)

- Introduction
- .NET Web pages
- .NET Model View Controller(MVC)
- .NET Web Forms
- .NET Framework

- IIS

Module 3: (ENVIRONMENT SETUP)

- IDE
- Working with Views and Windows
- Adding Folders and Files to your website
- Projects and solution
- Building and Executing a project

Module 4: (Basic Controls)

- Buttons
- Textbox and Label
- Check box and Radio Button
- List Ctrl
- List Item Collection object
- Bulleted and numbered lists
- Hyperlink and Image controls
- Panel controls
- Calendars
- Multi Views

Module 5: (Directives)

- Assembly
- Control
- Implements
- Import
- Master
- Master Type

- Output Cache
- Page
- Previous Page Type
- Reference
- Register

Module 6: (Event Handling)

- Event Arguments
- Application and Session Events
- Page and control events
- Event handling using controls
- Default controls

Module 7: (Database Handling)

- Database systems
- Microsoft SQL Server
- SQL
- SQL Server + ASP.NET
- Example

Module 8: (Error Handling)

- Tracing
- Error Handling

Module 9: (Other concepts)

- Data Caching
- WebService

- Multi-Threading
- Configuration
- Debugging

Module 10: (Deployment)

- XCOPY Deployment
- Copying a web site
- Creating a setup project

Module 11: (Security)

- Form based authentication
- IIS Authentication SSL

Career Support

Profile Building:

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation:

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals:

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support:

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.