QuickXpert Infotech
ISO 9001:2015 Certified

Adv. Diploma in .Net

.Net

About QuickXpert Infotech

QuickXpert Infotech provides professional training on some of the most updated, industry-designed certification & job-oriented training programs to both students & corporate from experts in classroom & online training format. Our wide range of courses blended by our placement process have helped students from both IT & non-IT fields to make career in IT Industry!

> **IT Courses - 1000+ Companies - 1000s Trained – Since 2014!**

Courses Offered – JAVA, Dot Net, Software Testing, Web Development, Oracle Developer & DBA, MySQL, SQL Server, Digital Marketing, Python, Data Science & A.I., Data Analytics, Tableau, Power BI, R Programming, Hadoop, Android, Flutter, Salesforce, ServiceNow etc. please visit website for details.

Our Live Projects – MarriageOnix.com, BiodataKing, CRM Support etc.

About The Course

Dot Net is 1 of of Leading Technologies in World developed by Microsoft available in Visual Studio for development. Blended by ease of use and development with drag and drop features It is one of the most preferred technologies for quick web mvc applications. C# or C Sharp being the primary language for programming supported by Asp.net for web application development and MVC.net for MVC projects. Apart from this it also provides data persistence via Entity Framework & Web Services using WCF/Web API to interact with non Dot Net projects that makes it one of the most sought technologies for developing n-tier Complex Application Projects and also taught in this course. Learn all the technologies mentioned above and **become a Full Stack Dot Net Developer !**

Who Can Learn?

Fresher or Experienced people from either IT or non IT background interested in programming and want to make their career as Dot Net Developer. No prerequisites ! We will teach you right from Basics to Adv modules.
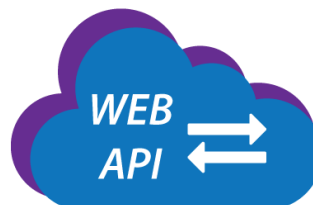
Duration

3.5 months

100% Job in Last 2 Years! (IT / Engg. background students, As of 31ˢᵗ Dec 22)

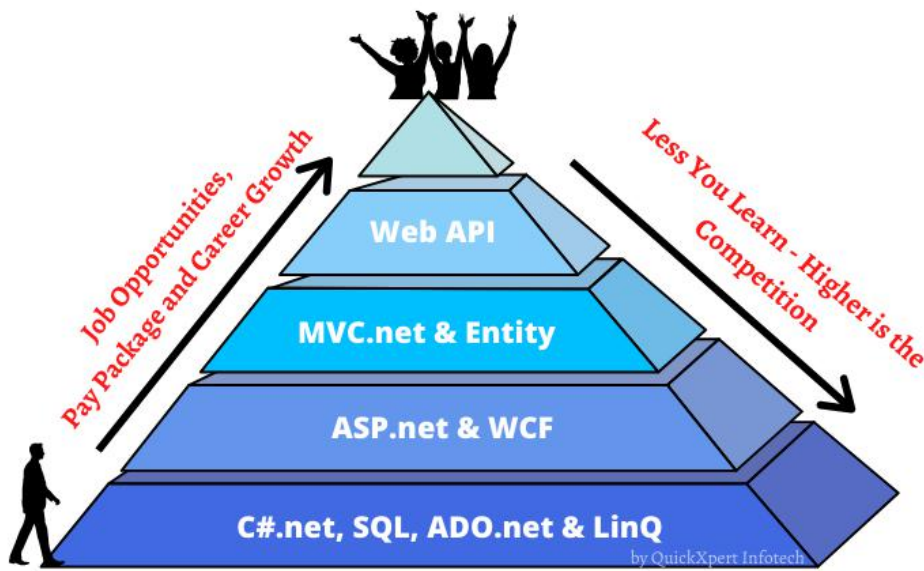*Join us for Successful IT Career!*

Tools You Will Learn

Job Opportunities in Dot Net

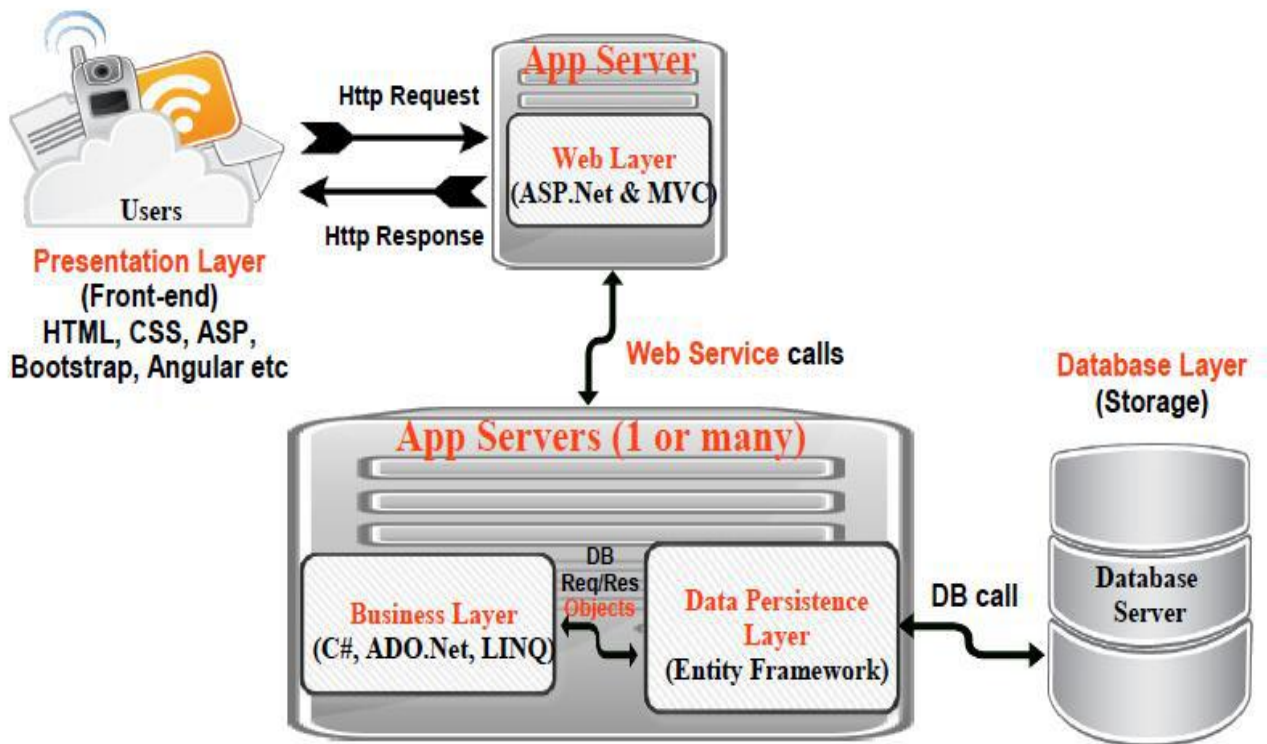❖ **As per Latest Industry & Job Trends. Can Check on Naukri.com**

About Our Dot Net Training

Course Overview

❖ C# + ADO.net + LinQ + SQL Server CRUD - 1 month 1 week

❖ Asp.Net & WCF + Web Designing Components + Ajax & JSON + Live Project - 1 month, 1 week

❖ MVC.net, Entity Framework & Web API + Live Project - 1 month, 1 week

❖ Adv. Diploma in Dot Net Development + Live Projects - all above - 3.5 months

❖ Note - Individual Courses Available

n-Tier Application You Will Develop

Syllabus Mentioned Below:

C#.net

❖ **C# Basics**

- Introduction
- Variable, Keywords & DataTypes
- Expression & Operators
- Methods & Parameters

❖ **Control Statements**

- if-else
- while & do while
- for loops
- for-each etc

❖ **Logic Building Session**

- Structures and Enumeration
- Array
- Type Conversion (Casting)
- Boxing & Unboxing
- String & Date Functions

❖ **OOPs Basics**

❖ **Class & Objects**

❖ **Constructor and Destructor**

❖ **Inheritance**

❖ **(IS-A) Relationship**

❖ **(HAS-A) Relationship**

❖ **Polymorphism**

- Method Overloading
- Method Overriding

❖ **Encapsulation**

- Access Specifiers
- Properties - SET/GET

❖ **Abstraction**

- Abstract Class
- Interface

❖ **Nested Classes**

❖ **Delegates**

❖ **Exception Handling**

❖ **Extension Method**

❖ **System.Collections**

- Hashtable
- ArrayList
- Stack
- Queue

❖ **System.Collections.Generics**

- Stack
- Queue
- HashSet
- SortedSet
- List
- SortedList
- LinkedList
- Dictionary
- SortedDictionary

❖ **Generics**

❖ **Multi Threading**

❖ **File IO**

❖ **Serialization & DeSerialization**

❖ **Lambda Expressions**

❖ **LINQ**

❖ **LINQ With SQL**

❖ **SQL Server Integration**

- Installing SQL Server
- Installing SQL Server Management Studio
- CRUD Operations

    o Create
    o Read (Select)
    o Update
    o Delete

❖ **ADO.NET**

- Connected & Disconnected Environment
- Connection & Command
- Data Providers
- Dataset
- Datatable
- Datareader
- Dataadapter

❖ **Project**

ASP.net & WCF

❖ **Creating Dynamic Responsive Web Applications Using ASP.net**

❖ **Introduction to ASP.Net**

- ASP.NET LifeCycle
- Controls and Properties
- HTML & CSS
- Creating Forms
- WebConfig & Global.aspx File

❖ **Asp.Net Standard Controls**

- Label
- Literal
- List
- Image
- Panel
- Textbox
- RadioButton & RadioButtonList
- CheckBox & CheckBoxList
- Button,LinkButton & ImageButton
- DropDownList & ListBox
- FileUpload

❖ **Advanced Controls**

- MultiView & View
- Wizard
- Calendar

❖ **Cascading Dropdown List**

❖ **Data Controls**

- GridView
- FormView
- DetailView
- SqlDataSource

❖ **Validation Controls**

- RequiredField Validator
- RegularExpression Validator
- Range Validator
- Compare Validator
- Validation Summary

❖ **Creating User Controls**

❖ **Master Pages**

❖ **Form Processing & Context Pages**

❖ **Using Web Designing Components**

- HTML
- CSS
- Javascript
- jQuery
- Bootstrap

❖ **Site Navigation**

- SiteMapPath
- TreeView
- Menu

❖ **Page Redirects**

- Response.redirect
- Server.Transfer

❖ **Session & State Management**

- ViewState
- ControlState
- Hidden Field & QueryString
- Cookies
- Session
- Application State

❖ Security Implementation

- Authentication
- Authorization

❖ Lambda Expressions

❖ SQL Server Integration

- Installing SQL Server

- Installing SQL Server Management Studio

- CRUD Operations

  - o Create
  - o Read (Select)
  - o Update
  - o Delete

❖ LINQ

❖ LINQ With SQL

❖ ADO.NET

- Connection & Command
- Data Providers
- Dataset
- Datatable
- Datareader
- Dataadapter
- Working with Stored Procedure

❖ AJAX & JSON

- Creating & Usage

❖ **WCF**

- Basics
- Creating WCF Services
- Data Contracts
- Operation contracts
- Service Contracts
- Configurations & Binding
- Consuming WCF Services in ASP.Net

❖ **Tracing - Enabling Tracing for Server Logs**

❖ **Deploy Process on IIS Servers**

MVC.net, Entity Framework & Web API

❖ **Understanding MVC Architecture**

❖ **Setup**

❖ **Building First Basic MVC Application**

❖ **Validation Controls**

- Creating Models
- Creating Controller
- Bootstrap Overview
- Creating Views
- Razor view
- ViewBag and ViewData

❖ **Binding Model with Views**

- Working with TempData

- ❖ **HTML helpers in MVC**

- ❖ **Http Verbs** - Get, POST, PUT, DELETE

- ❖ **Routing in MVC**

  - Conventional Routing
  - Attribute Routing

- ❖ **Creating Partial View**

- ❖ **Validations in MVC**

- ❖ **UpdateModel & Tryupdatemodel**

- ❖ **Layout in MVC**

- ❖ **State Management**

  - Hidden Field
  - Cookies
  - QueryString
  - Session
  - Application State

- ❖ **Authentication and Authorization**

- ❖ **Entity Framework**

  - DBset and Dbcontext
  - Creating Persistence Layer
  - Data Annotation
  - Crud Operations
  - Types of Approaches in Entity Framework
    - o DataBase First Approach
    - o Code First Apprach
    - o Model First Approach

❖ **MVC Integration with Entity Framework**

❖ **AJAX & JSON integration with MVC**

❖ **Web API**

- Basics
- Creating Web API
- Consuming Web API

❖ **Live Project**

Interview Preparation

- Throughout training program + At the end Mock Interviews
- Resume Preparation

Other Benefits

- ❖ **Training from Experts**

- ❖ **Installments Available**

- ❖ **Job Oriented Course**

- ❖ **80% Practicals -** Learn from Scratch

- ❖ **Professional Notes & Study Material Provided**

- ❖ **Certification Course**
  - ◦ You will get Course Completion ISO Certificate from our Institute

- ❖ **Live Projects / Case Studies Covered**

- ❖ **Dedicated Placement Team**

- ❖ **Placements**
  - ◦ Dedicated HR Team for Placements, Overall 1000+ Companies for Placements, Check Recent Placed Students on Site / FB / Google Page

- ❖ **Personal Mentorship**
  - ◦ Limited Seats per batch for Personal Mentorship

- ❖ **Friendly Environment with Professional Grooming**

- ❖ **Interview Preparation & Mock Interviews**

- ❖ **Resume Building etc.**

  Please visit site for more info or reach us

Our 5 Steps Process for Success

Contact Us

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Inquire Now !

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