Pro-Developer Program

This program is focused on creating a developer who has essential knowledge required by a full stack developer with .NET at its core.

Program Introduction

Pro-Developer course is to enable personnel to learn, code, and develop full stack applications. Pro-Developer course is the future of development not only for the Windows platform, but other operating systems as well.

The objective of the course is to provide the course audience with the tools and knowledge to use the .Net framework, C# and AngularJS to develop Windows Applications and Web Applications. The majority of the time in the course will be spent learning the development on the live projects.

Pro-Developer course is all about 'Pure Code'. The ultimate goal of Pro-Developer course is to use 100 % pure code and isolate all other code into separate assemblies.

Learn to develop .Net Web applications. Web applications can range from simple Web sites that consist of HTML pages to advanced enterprise applications that run on local and remote networks. It also includes dynamic and data driven browser based applications. Learn to develop Windows applications, which only run on Windows environment. Get hands on Console applications, which run inside the command prompt to test the applications.

Get Complete Direction, Full Support, Detailed Coaching, Skill Development and the Greatest things can Happen.

DeCode Classes - Mission:

We've set out on a mission: vanquish traditional coaching and make embraced wisdom academy for student's better future, so that students can learn what they have to learn with complete support and direction to shine in IT industry.

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What you will learn

- Introduction to Web Technologies

- Introduction to .Net - Features of .Net, CTS, CLS, CLR and MSIL

- C# & .Net Basics - Data Types, Type Conversions and Methods in C#

- Branching & Flow Control - Looping, Conditional & Unconditional Branching, Repeating Code Blocks

- Object Oriented Programming - OOPs Concepts, Abstract Classes & Methods, Name Spaces

- Exception Handling – Error Handling, System Defined Exceptions, Try, Catch & Finally

- Delegates and Events, Generics

- Asp.Net Introduction

- Client Side & Server Side (ASP) Controls, HTML Server & Web Server Controls

- Validating User Input

- .Net WebForms

- State Management – Session States & Tracing, Page Submission & Cookies

- ADO.Net and Bound Controls in Asp.Net - Data List, Retrieve Data, SQL data Source

- ADO.Net and Bound Controls in Asp.Net - Form view, Details View and Grid View

- Data Connections with Various Databases

- Database Creation & Linking with UI

- Data Binding - Data Source Control, SqlDataSource Control

- Data Binding - ObjectDataSource Control, XmlDataSource Control

- .Net Error Handling & Debug – Page Level & Application Level Handling

- Security in .Net - Authentication & Authorization, Authorizing Users and roles

- Security in .Net – Windows, Forms, Password Authentication

- Site Navigation

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- Ajax Introduction – Explaining Controls in Ajax Tool Kit
- Web Parts – Zone Types, Content & Catalog web part and Personalization Features using web parts
- .Net Additional Concepts – Web Services, Working with Master Pages
- GUI Application Development - Creating Menus, Toolbars, Tree & List View
- GUI Application Development – Programming with Advanced Controls
- Database Programming (ADO.Net) – A Review of Classic ASP

Tools:

- Visual Studio
- Brackets
- Sublime
- Visual Code
- SQL Management Studio
- Team Foundation Server
- Git Lab
- MySQL
- Postgres
- Node.Js

Technologies:

- .NET Core
- ASP.NET
- ASP.NET MVC

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- WEB API
- WCF
- Windows Forms

Libraries:

- AngularJs
- jQuery
- Bootstrap

Programming Languages:

- C#
- HTML & CSS
- JavaScript
- TypeScript
- SASS

Key Factors:

Our programs are unique and strives on below strategies,

➢ *Learn & Grow Through Live Projects*
➢ *Learn Latest Trends and Platforms*
➢ *Learn from Industry Gurus*
➢ *Guest Lectures from Industry Experts*
➢ *Communication Skill Development*
➢ *Get Industry Exposure*
➢ *Career Guidance from Experts*
➢ *Equip to Face Interviews*

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