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INFORMATIVE TRAINING COMPUTER CENTRE
OPP- Maa Laxmi Plaza, Sahu complex
1st Floor, No-03, Harmu
Sahjanand Chowk, Ranchi-02
Jharkhand

Tel.No.9431326614

Software Devlopment

AND

Training Centre

ASP DOT NET & C#.Net Training Institute in Ranchi

ASP DOT NET & C#.Net

Data types-value type,reference types with examples,variable declaration and usage of variables

Boxing and Unboxing,creating and using aliases,strings handling,operators,types and usage

Considtional statements,looping statements,math and date functions

Arrays,Structures,Enumerations

Object Oriented Prog.Systems(OOPS)

Concepts of Classes and Objects,components inside a class,OOPS features

Language and Syntax Enhancements Classes and Methods

Working with Constructors and Destructors,default constructors,parameterized constructors

Exception handling-Introduction,try..catch,finally,create custom exceptions,throw an exception using throw statement

First Module Test

Working with Collections-System.Collections namesapce,Arrays vs.Collections

Arraylist,Hastable,Icollection Interface,Ienumerable Interface etc

File Handling-System.IO namespace,streamreader/streamwriter classes, reading and writing with Files

Properties and Access Modifiers

Inheritances,abstract classes, Interfaces

PolyMorphism(Function Overloading and Operator Overloading)

Delegates

MultiThreading

Introduction to Web Programming-ASP.Net

Clien/Server technology in Internet Environment,How internet and Intranet works,Clientside script vs.Serverside scripts,Understanding the Importance of Web Server,creating and working with virtual directory in IIS

Introduction to HTML in Asp.Net

Undestanding the Browser,HTML-Standard Language for Web,Understanding tags in HTML,form,div tag

Introduction to CSS

Importance of CSS,types of Style sheets,suing CSS with HTML in Asp.net design view

Aps.net Controls suing Class and Css class attibutes

Dynamic HTML with JavaScript in Asp.net

Introduction to JavaScript,working with Functions and Events

Creating Objects with JavaScript,Intrinsic Objects in Javascript

Working with Server Controls

Standard Controls,Navigation Controls

Hyperlink,Imagemap,Menu

Validation Controls in Asp.net

Introduction to Validation Controls,common properites,working with common validation controls

Intrinsic Objects Under Asp.Net

Request,Response,session objects with examples

application object,Server Object,ViewState Objects

State Management in Asp.Net

Page Level,User Level,Website Level,cleaning the Session State

Global Application Class(global.asax),difference b/w machne.config,web.config files

Working with Master Pages-Simple merging of Contents,usage of Master pages in Websites

Data binding and Reporting

Data binding Concepts, Master/Details Reports with Dropdownlist, Linking Crystal reports to Webforms

Working with Gridview, Repeater controls

Binding to Collections and List, DataList, DataBinder.Eval() methods

Caching-Importance of Caching, Working with Caching, type of Caching, setting cache duration Mailing with Asp.Net-mailMessage and smtpmail class, provising security-while sending mails Uploading Files-working with FileUpload Control, restrcing the type and size of files Security in Asp.Net

Security with Session Object, Codebased security, Windows authentication, forms authentication.

WEB SERVICES

WSDL, UDDI, DISCO, SOAP, XML

WINDOW SERVICES

WCF

Address, Binding, Contract, End

Hosting – IIS, Self hosting, WAS

Rest, Channel factory, Proxy in WCF

WCF Behavior, WCF session

Linq

Entity class, Lambda expression, Yield, Anonymous type

Query

Entity framework with MVC

ORM, Routing

CRUD

Query, Operation with razor

Validation

Entity framework code first

POCO Proxy

SQL SERVER

Table creation, relation, primary key, foreign key, unique key, Index

View, stored procedure, function

Union, join

Normalization

Trigger, Magic table, Cursor, Transaction

Salient Features :-

- Live Project experience
- Completes the academic requirements.
- Hands on real-time project development experience.
- Exposure to software engineering practices.
- Exposure to professional environment.

CERTIFICATION

Certificates will be provided to each successful participant at the end of the training.

In case of any clarification please feel free to get in touch with us.

Thanks and Regards

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*Conditions Apply