



TECHDREAMZ
CORPORATE TRAININGS

WITH THE INTENT TO EXPAND EDUCATION

BEYOND TRADITIONAL BOUNDARIES

TECHDREAMZ PRACTICAL LEARNING PRACTICES

PROVIDE SKILLS NECESSARY FOR COLLEGE &
CAREER READINESS IN THE 21ST CENTURY.

ASP.NET INDUSTRIAL TRAINING (6 months)

MODULE 1

WEB DESIGN FUNDAMENTALS

[Duration : 2 Months]

PART 1 : HTML Fundamentals

- What is HTML?
- Using HTML tags and containers
- Understanding block vs. inline tags
- Controlling line breaks and spaces
- Aligning images
- Linking within a page
- Using relative links
- Working with tables
- Forms Creation

PART 2 : CSS Fundamentals

- Understanding basic selector types
- Integrating CSS with HTML
- Examining browser rendering differences
- Exploring CSS specifications
- Checking browser support
- Understanding the box model
- Adjusting margins and padding
- Positioning elements
- Exploring basic layout concepts

PART 3 : Javascript Fundamentals

- Structure of JavaScript code
- Creating variables, functions & loops
- Writing conditional code
- Working with different variable types and objects
- Creating and changing DOM objects
- Event handling

- Debugging JavaScript
- Building smarter forms
- Using regular expressions

LIVE MINOR PROJECT LIVE URL

[using Basic Web Technologies -HTML, CSS and Javascript]

MODULE 2

DEVELOPING WEB APPS USING ASP.NET & SQL SERVER

[Duration : 4 Months]

Asp.net with C#

- What's new in ASP.NET 4.5 (NEW)
- Understanding ASP.NET web forms
- Using CSS in Web Forms
- Adding web form controls to a page
- Handling postback data
- Programming in ASP.NET using C#
 - Creating a testing environment
 - Variables & complex Objects
 - Using loops
 - Using functions
 - Debugging and Tracing
 - Creating Reusable Code
 - Creating web controls
 - Registering a user control on a web form page
 - Registering controls globally in the web.config file
 - Adding public properties to a web control
- Using Microsoft SQL Server 2008
 - Understanding MS SQL Server
 - Installing SQL Server Express
 - Exploring SQL Server Management Studio Basic
 - Creating a new database
- Presenting Dynamic Data
 - Connecting to the database in ASP.NET
 - Presenting data with the GridView
 - Controlling GridView paging and appearance
 - Editing data with the GridView
 - Presenting data with DataList
 - Formatting data with binding expressions
- Creating a Data Entry System
 - Performing CRUD Operations

- Using the DetailsView control
- Redirecting page requests
- Creating an update page
- Deleting database records
- Validating User Input
 - Adding validator controls to a form
 - Controlling the validation error message display
 - Validation Summary control
- ASP.NET AJAX Controls
 - Intro To AJAX Technologies
 - ASP.NET AJAX Controls
 - Using the ScriptManager Control
 - Using the UpdatePanel Control
 - Using the UpdateProgress Control
- Managing Session State
 - Understanding ViewState
 - Using session variables
- Securing a Site with Forms Authentication
 - Turning on forms authentication
 - Creating a page to log in users
 - Creating a page to set up new users
 - Configuring security in the web.config file
 - Creating a page to log out users
- Creating Reports
 - Creating a query with joined tables
 - Replacing control style properties with CSS
 - Creating a CSS file for printing
 - Suppressing elements in printed web pages
 - Selecting data for a report

LIVE MAJOR PROJECT LIVE URL

[using .NET Framework -Asp.net and Sql Server]



TECHDREAMZ has designed Job Oriented Training course curriculum for the IT and engineering graduates which will give them the natural advantage to be ahead of their competitors in the IT industry



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