Learn Well Technocraft

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MVC SYLLABUS

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11TH YEAR OF ACCOMPLISHMENTS

AUTHORIZED GLOBAL CERTIFICATION CENTER FOR MICROSOFT, ORACLE, IBM, AWS AND MANY MORE.

8411002339/7709292162

WWW.DW-LEARNWELL.COM

INFO@DW-LEARNWELL.COM

203, SUPREME CENTER, ITI ROAD, ABOVE PIZZA HUT, AUNDH, PUNE - 411007.

ACHIEVEMENTS FROM TRAINING

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- REAL TIME SCENARIOS, CASE STUDIES, PROJECTS INCLUDED.
- REAL TIME DATA PROVIDED FOR PRACTICE.
- SOFTWARE WILL BE INSTALLED ON CANDIDATES MACHINE.
- LEARN FROM INDUSTRY EXPERTS.
- GLOBAL CERTIFICATION PREPARATION.
- APPEAR FOR GLOBAL CERTIFICATION AT LEARN WELL TECHNOCRAFT ITSELF.
- GET DISCOUNTED CERTIFICATION VOUCHERS.
- AUTHORIZED GLOBAL CERTIFICATION CENTER FOR PEARSON, PSI, KRYTERION.

MVC Syllabus

INTRODUCTION TO MVC

MVC Architecture

- Understand the MVC design pattern and how it's applied in ASP.NET MVC
- Understanding Model
- Understanding View
- Understanding Controller
- Key benefits of ASP.NET MVC
- Advantages of MVC based Web Application

HTML HELPERS

HTML Helper Methods

- Render HTML Form
- Using Drop Down List
- Binding Html Helper to Model
- Using "For" Methods with Typed Model
- Creating Views with HTML Helpers

EXPLORING CONTROLLER'S

Exploring Controllers and Controller Base class

- Passing data from Controller to View
- Comparing View Data, View Bag and Temp Data
- Types of Action Methods
- Action Method Parameters

MODEL BINDERS

Default model Binder

- Complex Type Model Binding
- Form Collection
- Model Binding
- Http Posted File

DESIGNING AND IMPLEMENTING DATABASES WITH SQL SERVER

Introduction to ADO.NET

- Creating Tables and Relationships
- SQL Fundamentals
- Stored Procedures
- Insert, Update, Delete, Select commands

USING AJAX AND JQUERY WITH ASP.NET MVC

Overview of AJAX and ASP.NET MVC

- Unobtrusive AJAX
- Using AJAX Action Links
- Overview of jQuery
- jQuery Techniques
- Using jQuery UI

CREATING AN APPLICATION IN MVC

Creating strongly-typed views

- Understanding URLs and action methods
- Using HTML helpers
- Handling form post-backs
- Data validation

MVC STATE MANAGEMENT

Using hidden fields

- Session and Application State
- Custom model bindings