

info

durata: 8 mesi

inizio: novembre 2010

frequenza: 8 ore a settimana

totale ore: 240

certificazioni

Per ottenere la certificazione ufficiale di Application Developer (MCPD ASP & W.D.) bisogna sostenere i seguenti esami:

70-505, 70-536, 70-562, 70-564, 70-563

specializzazioni avanzate

Fundamentals of the Java Programming Language

Java Programming Language

Developing Applications

With the Java SE 6 Platform





Programma del corso

Application developer 3.5 [1 di 3]

Il Questo percorso prevede l'acquisizione di elevate competenze nello sviluppo di applicazioni Web e di software aziendali tramite l'utilizzo di Microsoft Visual Studio, e di linguaggi di programmazione in ambiente .NET.

Il cuore di un'azienda è il suo applicativo, l'Application developer è colui il quale crea questo software, lo adatta alla strategia aziendale, lo aggiorna per le nuove sfide e lo integra nei diversi sistemi operativi.

Le sue conoscenze gli danno le capacità di creare nuove architetture software da implementare in ambiti Web o in ambiti aziendali per gli utenti.

I compiti principali di un Application developer sono: l'installazione, realizzazione e ottimizzazione di applicazioni software aziendali, lo sviluppo dati e componenti la progettazione e disegno di logiche di software.

**L'obbiettivo del corso è il conseguimento della qualifica di:
MCPD ASP.NET e Windows Developer 3.5**

Core Foundations of Microsoft .NET 2.0 Development

Developing Applications by Using Types and Standard Contracts

Managing Common Data by Using Collections

Deploying and Configuring Assemblies

Monitoring and Debugging Applications

Reading and Writing Files

Serializing Data

Advanced Foundations of Microsoft .NET 2.0 Development

Enhancing User Interfaces by Using System.Drawing

Working with Cultures by Using System.Globalization

Processing Text by Using Regular Expressions and Encodings

Encrypting and Hashing Data by Using Cryptography

Securing Code Execution and Resources



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Programma del corso

Application developer 3.5 [2 di 3]

Application Interoperability

Reflection, Metadata, and Emitting Objects

Services, Threading, and Application Domains

Core Windows Forms Technologies with Microsoft Visual Studio 2005

Unit 1: Creating a Simple Windows Forms Application

Unit 2: Configuring Standard Controls

Unit 3: Building Menus

Unit 4: Displaying and Editing Data by Using Data-Bound Controls

Unit 5: Providing User Assistance and Enhancing Usability

Unit 6: Creating Consistent Applications by Using Dialog Boxes and Forms Inheritance

Unit 7: Printing Content and Creating Reports

Unit 8: Performing Asynchronous Tasks by Using the BackgroundWorker Component

Unit 9: Deploying Applications by Using ClickOnce

Advanced Windows Forms Technologies with Microsoft Visual Studio 2005

Unit 1: Building MDI Applications

Unit 2: Customizing Windows Forms and Controls

Unit 3: Creating Customized Print Components

Unit 4: Performing Drag-and-Drop Operations and Implementing Clipboard Support

Unit 5: Performing Asynchronous Tasks by Using Multithreaded Techniques

Unit 6: Enhancing the Presentation of Windows Forms Applications

Developing Web Applications Using Microsoft Visual Studio 2008

Overview of the Microsoft .NET Framework

Creating Web Applications by Using Microsoft Visual Studio 2008 and Microsoft .NET-Based Languages

Creating a Microsoft ASP.NET Web Form



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Programma del corso

Application developer 3.5 [3 di 3]

Adding Code to a Microsoft ASP.NET Web Form

Tracing in Microsoft ASP.NET Web Applications

Validating User Input

Creating and Implementing User Controls

Accessing Data with Microsoft ADO.NET and Visual Studio 2008

Accomplishing Complex Data Access Tasks

Reading and Writing XML Data

Creating an ASP.NET AJAX Application

Delivering Dynamic Content with Microsoft Silverlight

Consuming and Creating XML Web Services

Managing State

Configuring, Optimizing, and Deploying a Microsoft ASP.NET Web Application

Securing a Microsoft ASP.NET Web Application