MIRACLE
Corporate Solutions Pvt. Ltd.

Microsoft® Visual Studio® 2008

Courses

ASP.Net + VB.Net +C# + XML +Web Services + Sql Server2005

Certifications

MCP, MCTS (ASP.Net, C#)

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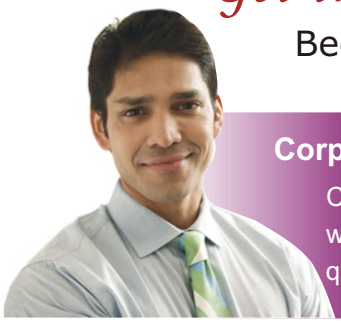

Corporate Trainer's Profile

Corporate Trainers are having the experience of 4 to 12 years in development , working with TOP CMM level 5 comapnies (Project Leader /Project Manager) qualified from NIT/IIT/IIM and work exp in USA and UK.

SEI CMMI LEVEL 5

Projects

CMM (Capability Maturity Model) level Project Standard:-

The Capability Maturity Model (CMM) is a method for evaluating the maturity of organizations on a scale of 1 to 5.
Get the Oppertunites to work on Client Projects Of US/UK, which follow the all standard of CMM level 5 Company.

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Microsoft CERTIFIED Professional Developer
Windows Developer

Microsoft CERTIFIED Professional Developer
Web Developer

Microsoft CERTIFIED Professional Developer
Enterprise Application Developer

Microsoft SQL Server 2005

Microsoft CERTIFIED Technology Specialist

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SUMMARY: This course is designed for those intending to develop databases and database applications using Microsoft SQL Server 7.0 and the T-SQL programming language.

PREREQUISITES: No previous experience will be assumed although some programming experience will be of advantage. A thorough knowledge of the Windows interface and operation will be assumed.

DURATION: 5 Days
COURSE CONTENT:
I.Architectural Overview

SQL Server components
- SQL Server
- SQL Server Agent
- Distributed Transaction Coordinator
- Microsoft Search

Developer tools
- SQL Server Enterprise Manager
- Query Analyser
- SQL Profiler

II.Retrieving Data
Querying tables
- Retrieving data from a single table
- Transact-SQL conditions and expressions
- Dealing with collation sequences
- Using scalar and aggregate functions

Multiple table queries
- Creating linked servers
- Querying across databases and instances
- Performing dynamic distributed queries

Executing full-text searches
- Creating a full-text index
- Using full-text functions in SQL
- Taking advantage of proximity and weighting

III.Managing Data and Concurrency
Modifying records

- Working with INSERT, UPDATE and DELETE
- Configuring transaction isolation levels
- Controlling locks with hints

Working with distributed data

- Querying remote servers
- Managing distributed transactions
- Making use of two-phase commit

IV.Developing Server-Side Code

Programming in Transact-SQL

- Transact-SQL procedural extensions
- Creating and using local variables
- Referencing global variables
- Raising and managing errors

Writing stored procedures

- Passing input and output parameters
- Examining return values
- Executing remote stored procedures
- Debugging a stored procedure

Advanced Transact-SQL constructs

- Building and using temporary tables
- Processing rows on the server with a cursor
- LOCAL vs. GLOBAL cursors

Creating user-defined functions

- Calculating values with scalar functions
- Solving complex problems with multiple- statement table-valued functions
- Calling functions from SQL
- Deterministic vs. non-deterministic
- Binding a function to the schema

Formulating triggers

- INSTEAD OF vs. AFTER triggers
- Detecting row changes using the inserted and deleted tables
- Coding advanced validation
- Nested and recursive triggers

V.Performance Tuning

Monitoring queries

- Profiling client applications
- Viewing query plans

Optimising queries

- Determining appropriate indexes
- Managing distribution statistics
- Using optimiser hints

VI.Integrating XML With Transact-SQL

Retrieving XML using HTTP

- Submitting SQL as part of a URL

Exploiting Transact-SQL extensions

- Using the FOR XML clause to select data