

Advanced Java J2EE

- ☐ Building the web tier Servlets , JSP and JSF
- ☐ Java Server Pages (JSPs)
- ☐ Expression Language and Backing Beans
- ☐ AJAX integration for richer user interfaces
- ☐ Java EE
- ☐ Implementing the business tier with EJB 3.0
- ☐ Querying data with JPQL
- ☐ Bean Managed transactions with JTA
- ☐ Security on the Java EE platform
- ☐ Java Messaging Services (JMS)

CMC PRO Courses

- ☐ C Programming
- ☐ Data Structures
- ☐ C++ & STL
- ☐ Java Programming with J2SE
- ☐ Java Applications for J2EE Platform
- ☐ Mobile Applications using Java J2ME
- ☐ Java Complete

- ☐ C# .NET with ASP.NET
- ☐ VB.NET with ASP.NET
- ☐ C#.NET with Windows Applications
- ☐ VB.NET with Windows Applications
- ☐ .NET Complete
- ☐ SQL Server
- ☐ ORACLE SQL, PL SQL
- ☐ ORACLE Applications Development
- ☐ ORACLE Complete
- ☐ ORACLE DBA
- ☐ LINUX Administration
- ☐ Configuring & Managing CISCO Devices

Life Skills

Life Skills Training reinforces your ability to communicate and interact with others and forms an integral part of this programme. It also enables you to face interviews confidently.

CMC Limited



Your IT Partner

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Authorised Training Centre

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A TATA Enterprise



From
Programmer
to hotshot
.NET or
Java Pro

CMC PRO- programme
aims to provide YOU,
the right type of training
which is required to convert you
from a programmer to a
software professional.





IT industry is booming. The demand for software developers adept in object oriented programming, databases and software design for desktop computer, intranet and internet is skyrocketing. Why remain stuck as a programmer when you can realise your true potential as a sought-after software developer? CMC Pro .Net or CMC Pro Java ensures that.



Passenger Ticketing & Reservation system for Indian Railways



Online transaction processing system for Bombay Stock Exchange.



Time-Table Scheduling & Signal Data Generating System for London Tube



Marine container Handling Systems for ports in India and abroad.

Learn from professionals who understand industry needs

CMC Ltd., a Tata enterprise, has been at the forefront of the IT revolution that has catapulted India to its exalted status in the global IT arena. It is a leading IT solutions company, a subsidiary of Tata Consultancy Services Ltd., with an enviable record of building IT solutions for massive and complex projects across the value chain infrastructure, applications and business processes. Its capabilities span the entire IT spectrum: IT; architecture; hardware; software; network consulting; and IT-enabled processing services.

With its vast experience, CMC Ltd. understands what the global IT industry needs in terms of skills its personnel ought to have. With the objective of passing on its substantial expertise, CMC started grooming IT professionals in 1976. Today, thousands of CMC trained professionals occupy key positions in the IT industry worldwide.

CMC ACADEMY

CMC Academy channelises the CMC expertise into IT programmes tailored to match industry needs. A faculty of practicing project managers provides solid grounding in fundamental concepts. Ample practice on real-time projects makes the student productive in a job from day one.



ENHANCE YOUR PROFESSIONAL ABILITIES

CMC PRO is a job-enabling programme that empowers you to go from being just a programmer to a full-fledged pro.

SYLLABUS

CMC Pro .NET

CMC Pro .NET is a skill enhancement programme that transforms a programmer into a software professional. It makes the participant adept in concepts and tools needed for developing solutions anywhere in the world.

Programme Contents :

Object Oriented Programming (Using C # / VB)

- ☐ Introduction to Syntaxes
- ☐ Decisions & Looping
- ☐ Subroutines
- ☐ Oops
- ☐ Classes & Objects, Propertises
- ☐ Polymorphism
- ☐ Inheritance
- ☐ Shadowing
- ☐ Delegates
- ☐ Events
- ☐ Class Libraries
- ☐ Namespaces

Building Windows Application in .Net (Using C # / VB)

- ☐ Windows Forms 2.0
- ☐ Taking Advantage of the Form Event Model
- ☐ Common Windows Forms Controls
- ☐ Exception Handling
- ☐ Working with Strings and Data
- ☐ Accessing Data
- ☐ Data Binding Techniques
- ☐ Using the Data Controls
- ☐ Handling Input/ Output Tasks
- ☐ Project Settings in Visual Studio 2005
- ☐ Working with My Namespace
- ☐ Debugging Your Applications
- ☐ Container Controls
- ☐ Menus and Toolbars
- ☐ Creating MDI Applications
- ☐ Complex Windows Forms Controls
- ☐ Creating Custom Controls
- ☐ Working with Toolbox Components
- ☐ Interoperability
- ☐ Deploying Applications Using Click-Once

Building Web Applications using ASP.NET 2.0

- ☐ Introduction to ASP.NET
- ☐ Working with Controls
- ☐ Using Rich Server Controls
- ☐ Accessing Data
- ☐ Configuration
- ☐ Data Binding
- ☐ Validating User Input
- ☐ Themes and Master Pages
- ☐ Site Navigation
- ☐ Displaying Data with the Grid View control
- ☐ Managing state
- ☐ Managing Users with ASP.NET's Membership Features
- ☐ Improving Performance with Output Caching
- ☐ Using the Data List and Repeater Controls
- ☐ Creating and Consuming Web Services

CMC Pro Java

CMC Pro Java is a skill enhancement programme that transforms a programmer into a software professional. It makes the participant adept in concepts and tools needed for developing solutions anywhere in the world.

Programme Contents :

CORE Java- J2SE

- ☐ Introduction to Java
- ☐ Java Design Goals & Concepts
- ☐ Java Tools
- ☐ The Java Language
- ☐ Object Oriented Java Programming
- ☐ Java Applets
- ☐ Java GUI Programming with AWT and swing
- ☐ Java Beans
- ☐ Introduction to Java Exceptions
- ☐ Threads
- ☐ Java Database Connectivity
- ☐ Networking with Java
- ☐ Enterprise Java Overview
- ☐ EJB (Enterprise Java Beans)
- ☐ Servlets
- ☐ JSP (Java Server Pages)
- ☐ Project