

MASTER CLASS

Mastering Software Architecture & Design Fundamental

This Master Class covers the critical skill sets in software architecture and design fundamentals, as well as best practices in modeling techniques for end-to-end enterprise architecture (EA) traceability.



TOPICS COVERED

- The Strategic Business Values of IT Architecture
- IT Architecture Health Check, Landscape, Roles & Specialisation
- Decision on Technology and Platform Adoption
- *Group Discussion/Workshop 1*
- Basic Principles of Software Architecture
- Software Architecture Best Practices - Design Patterns
- Model View Controller Pattern, Front Page Controller Pattern, Singleton Pattern
- Activities in Architecting Software Solution
- Smart Client Server Architecture
- Business Requirement Architecture, Documentation & Template
- Use Case Modeling
- *Group Discussion/Workshop 2*
- Architecting Software with OOAD using SEVEN modeling techniques: Activity, Class Responsibilities & Collaborations, Domain, Robustness Analysis, Object Interaction and Structural

WHY YOU SHOULD ATTEND

One of the key fundamentals in creating a sound design in architecting software is the appropriate adoption and application of Object-Oriented Analysis & Design (OOAD) techniques. Upon completion of this course, you will gain a masterful insight into software architecture & design fundamentals. Learn the critical skill sets in applying modeling techniques for an end-to-end architecture traceability that will significantly contribute towards enterprise agility and easier maintenance in response to dynamic business demand. This course provides the techniques that contribute to a much more accurate outcome with better quality attributes, robustness and on-time delivery, which are crucial factors for the advancement of software development projects. With this course, you will learn the qualities that help enterprises with better planning and utilisation of resources, customer satisfaction, competitive edge and timely return-on-investment (ROI).

MASTER CLASS RELATED COURSES

Architecting Software with OOAD & UML (ASOOAD)

Recommended for IT Professionals

WHO SHOULD ATTEND

Anyone who is involved in the software development life cycle, including IT/Project Managers, Business Analysts/System Analysts, Software/Business Information/Infrastructure Architects, Software Quality Assurance/Testers, Software Engineers/Programmers, Database Administrators/Database Designers

FOR MORE INFORMATION

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