

**MASTER CLASS**

# Mastering Software Architecture

This Master Class covers software architecture skill sets in an enterprise, as well as recommended best practices in delivering business capabilities through software applications.



**TOPICS COVERED**

- Software Architecture Roles and Team Structure
- Software Architecture Key Concerns
- *Workshop 1: A day in the life of a Software Architect at Tinkelman*
- View and Viewpoints
- Functional Elements of Software Architecture
- Architecture Perspective
- Concurrency, Processes, Threads and Element Mapping
- Quality Attributes and System Design
- Software Architecture Principles
- Pattern and Principle of Deferred Action/Design
- *Workshop 2: Viewpoint Application*
- System Structures
- Stakeholders Management
- *Workshop 3: Software Architecture Research and Analysis*

**WHY YOU SHOULD ATTEND**

Upon completion of this course, you will gain a masterful insight into software architecture and the qualities that make the best software architects. Software architects are responsible for values generated from particular software systems; they typically work alongside the business and information architects to ensure that business units maximise their technology investments. Learn software architecture skill sets, which include mastering the value, usage, development and delivery of software intensive systems. In addition to learning software architecture best practices, you will also learn how to communicate software design concepts to reveal business value in technology investments with various stakeholders in an organisation.

**MASTER CLASS RELATED COURSES**



Iasa Curriculum Path  
– Recommended for IT Professionals

**WHO SHOULD ATTEND**

System Analysts,  
Programmer Analysts,  
Software Engineers, Project Leaders, Project Managers, SQA Managers, Software Testers, IT Analysts, Software Designers, Technical Advisors, Software Consultants, Software Configuration, Management, Web Analysts, Associate Software Architect, Junior Software Architect, Technical Decision Maker, IT Management

**FOR MORE INFORMATION**

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