

Microsoft Dynamics 365 Finance and Operations Apps Solutions Architect



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Online Course



Course Modules

1. Gather requirements

- Identify operational and organizational challenges
- Identify existing business processes and opportunities
- Gather information about expected transaction volume
- Business requirements and perform gap fit analyses
- Review & validate business requirements

2. Define the solution architecture

- Map business requirements to functional components
- Evaluate whether to build versus buy
- Opportunities to implement supplemental MS technologies
- Use the appropriate implementation tools
- Describe the Success by Design framework
- Create solution architecture diagrams

3. Define and document the solution blueprint

- Define an organization
- Document the implementation timeline
- Define the business process catalog & document soln gaps
- Define instances, environments, and solution components
- Identify required security roles



4. Select a deployment strategy

- Develop a process to manage soln code and deployment
- Select a deployment model and identify
- One Version strategy & effects of One Version
- Segment soln development & delivery into logical phases
- Provide alternative methodologies and approaches
- Determine solution maintenance cadence and timelines
- Identify upgrade scenarios and select appropriate tools

5. Define an application lifecycle management (ALM) strategy

- Define a code management and data flow strategy
- Microsoft Power Platform solution management strategy
- Determine which build automation capabilities to implement
- Define a roll-back strategy for solution code and data

6. Determine a data management strategy

- Differentiate between transactional and historical data
- Define data quality and data validation process
- Define data cleansing and transformation strategies
- Define data dependencies
- Develop a data migration strategy
- Develop data cut-over, verification and data retention plans



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7. Define the security architecture

- Diff bet Azure, Dynamics 365, & infrastructure security
- Describe Azure and infrastructure security-related elements
- Capabilities of record-level & role-based security

8. Define the integration architecture

- Select an integration pattern
- Identify required integration and interface details
- Design integrations
- Define an integration testing strategy

9. Define the business intelligence and reporting architecture

- Gather business intelligence and reporting requirements
- Data sources required to meet bsns intelligence & reporting
- Select appropriate business intelligence and reporting tools
- Define printing requirements

10. Describe Lifecycle Services (LCS) tools

- The use cases and capabilities of different LCS tools
- Capabilities of Business Process Modeler (BPM)
- Capabilities of LCS Methodologies
- Create a usage profile to describe current or projected usage



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11. Manage interactions with FastTrack

- Identify the value proposition for FastTrack
- Identify FastTrack engagement types and personnel roles
- Types of FastTrack & the inputs for each workshop
- Describe go-live checklist elements

12. Determine support options

- Develop a support plan and strategy
- Define post-go-live support plans
- Describe use cases and capabilities for the LCS Support tool

13. Determine licensing requirements

- Determine the types of licenses required
- Number of licenses reqrd by usg the License Sizing estimator
- Process for estimating ongoing software licensing costs

14. Define a testing strategy

- Testing strategy that includes all required types of testing
- Define a regression testing strategy
- Identify opportunities for automated testing
- Review use cases and test coverage for business scenarios
- Use RSAT, SysTest, Postman, ATL, Azure DevOps etc.,



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15. Define a performance testing strategy

- Define performance goals and requirements
- Identify performance monitoring and testing tools
- Define performance benchmarks and success criteria
- Design a performance and load testing strategy
- Troubleshoot performance issues





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