

| IT Architect | | Training Course Group | Architect Fundamentals | Architecture Methodology Fundamentals | Consulting Methodology Fundamentals | Project Management Fundamentals | Architecture Methodology - Advanced Level - | Leadership Skills Required of IT Architect | Communication Skills Required of IT Architect | Negotiation Skills Required of IT Architect | Latest Technology Trends | Industry Application Trend | Community Activities | Solution Architecture Fundamentals | Solution Architecture - Advanced Level - | | | |
|--------------------------------------|------------------------------------|--|------------------------|---------------------------------------|-------------------------------------|---------------------------------|---|--|---|---|---|----------------------------|----------------------|---------------------------------------|--|---|---|--|
| | | | | | | | | | | | | | | | Infrastructure Architecture - Advanced Level - | Integration Architecture - Advanced Level - | Application Architecture - Advanced Level - | Infrastructure Architecture Fundamentals |
| Common Skills to Job Category | Specific Skills to Specialty Field | Course Name | IT Architect Overview | Architecture Concept | Modeling Fundamentals | Project Management Fundamentals | Performance Engineering | Reference and Reuse of Architecture Patterns | Leadership Skills Required of IT Architect | Communication Skills Required of IT Architect | Negotiation Skills Required of IT Architect | Latest Technology Trends | Community Activities | Application Architecture Fundamentals | Integration Architecture Fundamentals | Infrastructure Architecture Fundamentals | Solution Architecture Fundamentals | |
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| Design of Architecture | | Analysis and Definition of Requirements (Constraints) | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design of Architecture | | Definition of IT Architecture Design Policy | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design of Architecture | | Design of IT Architecture | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design of Architecture | | Feasibility Assessment from the Viewpoints of IT Architecture and Technology | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design of Architecture | | Definition of Technological Problems and Analysis of Alternatives | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design of Architecture | | Assessment of Platform and Component Technology | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding of Modeling Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding and Application of Data Modeling Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding and Application of Process Modeling Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding and Application of Performance Modeling Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding and Utilization of Application Design Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Design Techniques | | Understanding and Application of Infrastructure Design Techniques | * | * | * | | * | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Definition of Development Standards | * | * | | | | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Definition of IT Standards based on Basic Principles | * | * | | | | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Reuse of Existing Assets | * | * | | | | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Understanding and Application of Reuse Techniques | * | * | | | | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Development and Application of Reusable Assets | * | * | | | | * | | | | | | * | * | * | * | * |
| Standardization and Reuse | | Understanding of Reusable Asset Management Process | * | * | | | | * | | | | | | * | * | * | * | * |
| Utilization of Consulting Techniques | | Selection and Utilization of Consulting Techniques -Comparison, Analysis, Selection and Usage of Consulting Techniques -Definition and Practice of Process -Definition and Creation of Deliverables | | | | * | | | | | | | | | | | | |
| Utilization of Consulting Techniques | | Understanding and Utilization of Analysis Tools and Models -Business Life Cycle Models (Introduction Stage, Growth Stage, Maturity Stage, Decline Stage) -Product Portfolio Management (PPM) Models -Experience Curve -3C Analysis -SWOT Analysis -7S Models -Michael Porter's Five Forces Model -Value Chain Analysis | | | | * | | | | | | | | | | | | |

| Solution Architecture - Advanced Level - | Infrastructure Architecture - Advanced Level - | Integration Architecture - Advanced Level - | Application Architecture - Advanced Level - | Solution Architecture Fundamentals | Infrastructure Architecture Fundamentals | Integration Architecture Fundamentals | Application Architecture Fundamentals | Community Activities | Community Activities | Industry Application Trend | Industry Application Trend | Latest Technology Trends | Latest Technology Trends | Negotiation Skills Required of IT Architect | Negotiation Skills Required of IT Architect | Communication Skills Required of IT Architect | Communication Skills Required of IT Architect | Leadership Skills Required of IT Architect | Leadership Skills Required of IT Architect | Architecture Methodology - Advanced Level - | Performance Engineering | Project Management Fundamentals | Project Management Fundamentals | Consulting Methodology Fundamentals | Consulting Methodology Fundamentals | Architecture Methodology Fundamentals | Modeling Fundamentals | Architect Fundamentals | Architecture Concept | IT Architect Overview |
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| IT Architect | Training Course Group | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Course Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Knowledge Item | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Common Skills to Job Category | Specific Skills to Specialty Field | Utilization of Consulting Techniques -Hypothesis Generation -Data Collection -Interview -Session Management -Data Analysis -Verification -Implementation of Communication and Negotiation -Report Creation | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Customer Relationship -Establishment and Maintenance of Customer Relationship | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Management and Utilization of Knowledge -Creation of Databases from Knowledge (Added Value, Structuring, Sharing) -Utilization of Knowledge -Maintenance and Management of Knowledge -Understanding Effects, and Improvement Implementation -Business Model Patents | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding of IT Industry Trends -Understanding of IT Market Scale and Trends Domestic and Abroad -Understanding of Technology Trends Related to Applications -Understanding of Technology Trends Related to Business Model Patents | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding of Relevant Technology (IT) Trends -Understanding of Hardware Technology Trends -Understanding of Middleware Technology Trends -Understanding of Platform Technology Trends -Understanding of Network Technology Trends -Understanding of Database Technology Trends -Understanding of Security Technology Trends -Understanding of System Management Technology Trends | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding and Application of Relevant Technology (IT) Standards | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding of Relevant Industry Trends -Understanding of Industry Business Trends, Technology Trends and Competitive Status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding of Applications in Relevant Industries -Utilization of Industry Common Applications Knowledge -Utilization of industry Specific Applications Knowledge -Optimum Platform Selection -Practice of Industrial Applications Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Understanding and Application of Relevant Industries (Businesses) Standards -Understanding and Utilization of Industry Terms and Relevant Regulations -Understanding and Utilization of Industry Specific Business Environment -Understanding and Utilization of Industry Specific Business Practices -Understanding and Utilization of Industry Specific Operations | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Definition of Functional Requirements -Knowledge of Target Domain | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design of Functional Architecture -User Interfaces -Application Frameworks -Logic Data Frameworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Assessment for Feasibility of Functional Architecture -Assessment of Application Development Techniques -Assessment of Application Development Tools -Assessment of Application Test Strategy and Plan -Assessment of Operation Transfer Strategy and Plan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Solution Architecture - Advanced Level - | | | Infrastructure Architecture - Advanced Level - | Integration Architecture - Advanced Level - | Application Architecture - Advanced Level - | Infrastructure Architecture Fundamentals | Integration Architecture Fundamentals | Application Architecture Fundamentals | Community Activities | Industry Application Trend | Latest Technology Trends | Negotiation Skills Required of IT Architect | Communication Skills Required of IT Architect | Leadership Skills Required of IT Architect | Reference and Reuse of Architecture Patterns | Performance Engineering | Project Management Fundamentals | Consulting Methodology Fundamentals | Modeling Fundamentals | Architecture Concept | IT Architect Overview |
|---|--|--|--|---|---|--|---------------------------------------|---------------------------------------|----------------------|----------------------------|--------------------------|---|---|--|--|-------------------------|---------------------------------|-------------------------------------|-----------------------|----------------------|-----------------------|
| Solution Architecture Fundamentals | | | | | | | | | | | | | | | | | | | | | |
| Community Activities | | | | | | | | | | | | | | | | | | | | | |
| Industry Application Trend | | | | | | | | | | | | | | | | | | | | | |
| Latest Technology Trends | | | | | | | | | | | | | | | | | | | | | |
| Negotiation Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | | | |
| Communication Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | | | |
| Leadership Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | | | |
| Architecture Methodology - Advanced Level - | | | | | | | | | | | | | | | | | | | | | |
| Project Management Fundamentals | | | | | | | | | | | | | | | | | | | | | |
| Consulting Methodology Fundamentals | | | | | | | | | | | | | | | | | | | | | |
| Architecture Methodology Fundamentals | | | | | | | | | | | | | | | | | | | | | |
| Architect Fundamentals | | | | | | | | | | | | | | | | | | | | | |
| Training Course Group | | | | | | | | | | | | | | | | | | | | | |
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| Solution Architecture - Advanced Level - | Infrastructure Architecture - Advanced Level - | | | | | | | | | | | | | | | | | Training Course Group | | IT Architect |
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| | Integration Architecture - Advanced Level - | Application Architecture - Advanced Level - | | | | | | | | | | | | | | | | | | |
| Solution Architecture Fundamentals | Infrastructure Architecture Fundamentals | Integration Architecture Fundamentals | Application Architecture Fundamentals | | | | | | | | | | | | | | | | | |
| Community Activities | Community Activities | | | | | | | | | | | | | | | | | | | |
| Industry Application Trend | Industry Application Trend | | | | | | | | | | | | | | | | | | | |
| Latest Technology Trends | Latest Technology Trends | | | | | | | | | | | | | | | | | | | |
| Negotiation Skills Required of IT Architect | Negotiation Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | |
| Communication Skills Required of IT Architect | Communication Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | |
| Leadership Skills Required of IT Architect | Leadership Skills Required of IT Architect | | | | | | | | | | | | | | | | | | | |
| Architecture Methodology - Advanced Level - | Reference and Reuse of Architecture Patterns | | | | | | | | | | | | | | | | | | | |
| Project Management Fundamentals | Performance Engineering | | | | | | | | | | | | | | | | | | | |
| Project Management Fundamentals | Project Management Fundamentals | | | | | | | | | | | | | | | | | | | |
| Consulting Methodology Fundamentals | Consulting Methodology Fundamentals | | | | | | | | | | | | | | | | | | | |
| Architecture Methodology Fundamentals | Modeling Fundamentals | | | | | | | | | | | | | | | | | | | |
| Architect Fundamentals | Architecture Concept | | | | | | | | | | | | | | | | | | | |
| | IT Architect Overview | | | | | | | | | | | | | | | | | | | |
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| Solution Architecture - Advanced Level - | Infrastructure Architecture - Advanced Level - | | | |
| | Integration Architecture - Advanced Level - | | | |
| | Application Architecture - Advanced Level - | | | |
| | Infrastructure Architecture Fundamentals | | | |
| Solution Architecture Fundamentals | Integration Architecture Fundamentals | | | |
| | Application Architecture Fundamentals | | | |
| | Community Activities | | | |
| | Industry Application Trend | | | |
| Latest Technology Trends | Latest Technology Trends | | | |
| Negotiation Skills Required of IT Architect | Negotiation Skills Required of IT Architect | | | |
| Communication Skills Required of IT Architect | Communication Skills Required of IT Architect | * | | |
| Leadership Skills Required of IT Architect | Leadership Skills Required of IT Architect | | * | |
| Architecture Methodology - Advanced Level - | Reference and Reuse of Architecture Patterns | | | |
| | Performance Engineering | | | |
| Project Management Fundamentals | Project Management Fundamentals | | | |
| Consulting Methodology Fundamentals | Consulting Methodology Fundamentals | | | |
| Architecture Methodology Fundamentals | Modeling Fundamentals | | | |
| Architect Fundamentals | Architecture Concept | | | |
| | IT Architect Overview | | | |
| Training Course Group | <div>Course Name</div> <div>Knowledge Item</div> | Transmission of Information | | |
| | | -Utilization and Practice of Presentation Techniques | | |
| | | -Utilization and Practice of Creation of Official and Non-official Documents | | |
| | | -Technical Writing | | |
| IT Architect | <div>Common Skills to Job Category</div> <div>Specific Skills to Specialty Field</div> | -Media Selection | | |
| | | -Utilization and Practice of Persuasion Techniques | | |
| | | Organization, Analysis and Retrieval of Information | | |
| | | -Development and Practice of Status Response Capabilities to Understand Situations | | |
| | | -Utilization and Practice of Capabilities to Understand Situations | | |
| | | -Utilization and Practice of Meeting Management Techniques | | |
| | | Negotiation | | |
| | | -Utilization and Practice of Negotiation Process | | |
| | | -Utilization and Practice of Effective Negotiation Techniques | | |
| | | -Establishment of Trust Relationship | | |
| | | -Objectives Setting | | |
| | | -Common Interest | | |
| | | -Practice of Logical Thinking | | |
| | | -Utilization and Practice of Problem Solving Techniques | | |
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