



Think Like an Architect

المعمارية ببساطة

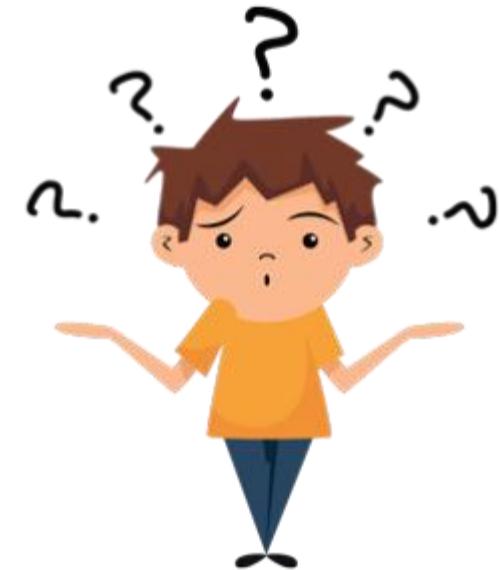
Becoming a Successful Solutions Architect

- Understanding the Roles
- Architectural Thinking
- Architecture Design Principles
- Architecture Patterns & System Types
- Security by Design
- Documentation & Communication

Think
Like an
Architect
المعمارية ببساطة



Who is Cloud /solution Architect ?



Outline

- Types of Cloud Roles
- Role Comparison (Cloud / Solutions / Enterprise / Business)
- What is Solution Architecture?
- Skills & General Knowledge

Cloud Roles

Cloud Architect

Solution Architect

Cloud Engineer

Cloud DevOps Engineer

Cloud Security Engineer

Cloud Data Engineer

Cloud AI/ML Engineer

Cloud Administrator / Cloud Ops

Cloud Developer

FinOps / Cloud Economist

Cloud Migration Specialist

..... and more

Role Comparison



Cloud Engineer



Cloud Architect



Cloud Solutions Architect



Enterprise Architect



Business Architect

Architecture Roles

Comparison of Technical vs Business Focused Roles

Cloud Engineer



Split: 90–100% Technical / 0–10% Business



Key Skills: Cloud configuration, scripting, troubleshooting



Deliverables: Configured resources, automation scripts, runbooks



Stakeholders: Cloud Architects, DevOps, PMs



Day-to-Day: Deploy infra, monitor, fix issues, write scripts

Cloud Architect



Split: 70% Technical / 30% Business



Key Skills: End-to-end design, multi-cloud strategy



Deliverables: Architecture diagrams, design docs, blueprints



Stakeholders: CTO, Solutions Architects, Cloud Engineers



Day-to-Day: Meet stakeholders, design solutions, align with reqs

Cloud Solutions Architect



Split: 50% Technical / 50% Business



Key Skills: Vendor expertise, exec communication, requirement gathering



Deliverables: Solution proposals, PoCs, specs, vendor docs



Stakeholders: Sales, Product Managers, Customers



Day-to-Day: Gather requirements, present, PoCs, documentation

Cloud Architect VS Cloud Solutions Architect

Cloud Solutions Architect



Split: 50% Technical / 50% Business



Deliverables: Solution proposals, PoCs, specs, vendor docs



Stakeholders: Sales, Product Managers, Customers



Day-to-Day: Gather requirements, present, PoCs, documentation

Cloud Architect



Split: 70% Technical / 30% Business



Deliverables: Architecture diagrams, design docs, blueprints



Stakeholders: CTO, Solutions Architects, Cloud Engineers



Day-to-Day: Meet stakeholders, design solutions, align with reqs

Enterprise Architect



Split: 25% Technical / 75% Business



Key Skills: Strategic vision, leadership, digital transformation



Deliverables: Enterprise roadmap, governance frameworks



Stakeholders: CIO, CTO, Business Architects



Day-to-Day: Define IT strategy, approve standards, governance

Business Architect



Split: 0% Technical / 100% Business



Key Skills: Change management, process optimization, planning



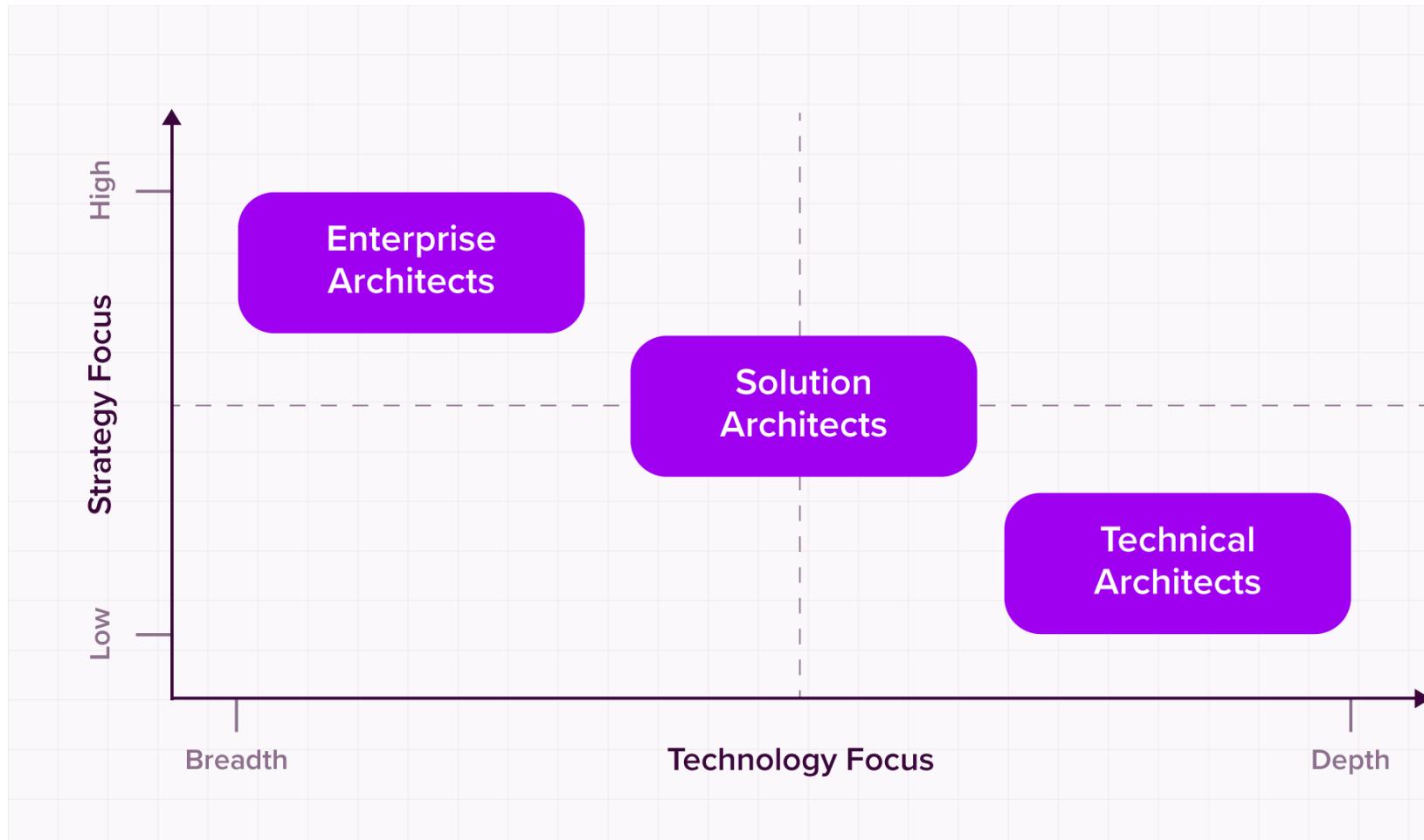
Deliverables: Capability models, process improvement, roadmaps



Stakeholders: COO, Dept Heads, Enterprise Architects



Day-to-Day: Workshops, process mapping, gap analysis



What is Cloud / Solution Architecture?

Designing end-to-end technical solutions to meet business needs.

Bridge between business requirements and technical implementation.

Defines components, interactions, constraints, and non-functional behavior.

Solution/ Cloud Architect

— Skills & Knowledge

1 Technical Skills

2 Architecture Principles

3 Architecture Process (How to
Design Architecture)

4 Soft Skills

5 Business & Domain Awareness

Thank you!



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Multi-Cloud Solutions Architect
Microsoft Certified Trainer

What will be covered in next videos

Solution Architect — Skills & Knowledge

2 Architecture Principles

3 Architecture Process
(How to Design Architecture)

4 Soft Skills

5 Business & Domain
Awareness

Functional vs Non- Functional Requirement

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Functional: Features and behaviors (what the system does)

- Examples: user registration, payments, search

Non-Functional: Quality attributes (how the system behaves)

- Examples: performance, security, scalability, availability, maintainability

Deliverables — Examples

Solution Architecture Document (SAD)

Architecture Diagrams — logical, physical, deployment, data flow.

Non-Functional Requirements Matrix.

Security & Compliance Plan.

Implementation Roadmap & Runbook

Inputs — Examples

Solution Architecture Document (SAD)

Architecture Diagrams — logical, physical, deployment, data flow.

What will be covered in next videos