



System Design

System Design Curriculum Deep Dive

Why System Design?

1. Helps build scalable, reliable, and efficient software systems
2. Improves problem-solving and architectural thinking
3. Prepares you for technical interviews at top companies
4. Essential for senior roles like tech lead or architect
5. Enables better decisions on tools, databases, and components

Topics to be covered:

Low Level Design

- OOPS
- Solid Principles
- Design Patterns
- LLD
 - Car rental System
 - Cricbuzz
 - Payment Gateway
 - You Tube
- UML Diagram
- Design Problems



ASHOK IT

Learn Here.. Lead Anywhere..!!

High Level Design

- Distributed System
- Consistent Hashing
- Caching
- SQL vs No SQL
- Microservices including Design Pattern
- Distributed Queue
- OAuth
- Load Balancing
- DNS
- Understanding Networking
- WhatsApp system Design

Extra

- Understanding with Real Time Projects
- Interview Preparation
- Resume Guidance