video 5

FrontEnd Machine Coding Interviews.
(Low Level Design)

5   Planning for machine coding Round

Read Problem Statement carefully & Ask Doubts

Define Scope (Must Have/ Good to Have)

Data Model & Protocols

Component Design

Define Service

Performance

Consistency

Security

Accessibi

25   What matters the most in the interviews

→ focus on must & quality of code

1 → Completion & Approach
2 → Folder structure
3 → Separation of Concern
4 → Naming Convention
5 → Modularity
6 → Design Pattern
7 → Data structure & State management.

- Flat structure
- Domain driven approach
- MVC
- View state
- Atomic Design

- Single purpose
- Decouple
- Avoid duplication
- make it extensible
- mind your own business

4
- file / folder
- variable / function
- product meaning
- comment / commit convention

5
- Do not repeat
- Think atomic
- Build for new future
- Extensible
- Communicate to everyone
- Look for more adoption.

7
- Understand Data
- Model Data
- Invest in state management

6

Creation pattern	Structure Pattern	Behavioral pattern
These pattern provide various object creation mechanism, which increase flexibility reuse of existing code.	These pattern explain how to assemble object & classes into larger structure while keeping these structure flexible & efficient	These pattern are concerned with algo. & the assignment of responsiblites between objects.

Factory method →	Abstract Factory	& efficient	chain of Responsibility	command
builder	Prototype	Adapter Bridge	memento	observer
Singleton		Composite Decorator	Template method	visitor
		facade flyweight	state strategy.	

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- → Time management is key
- → Ready to work from scratch
- → try writing code in google doc.
- → Brushup common DOM API & CSS propertie.
- → It's ok to google for method/APIs
- → Code will matter mae than Communication

Code walkthough after machine coding

- — Be vocal & walthough the code from bootstrap/init
- — Highlight your approach.
- — focus on challenging areas
- — Talk about your plan if mae time wa pa
- — Talk about other way to solve similar opne

Expected Questions after machine coding

- — Perfomance
- — Consistency
- — Security
- — Accessibility