

Interviewing @ Flipkart – what do we expect.

Onsite Interview Preparation

Machine Coding Round:

Expectations:

- Demoable code
- Clear Separation of Concerns (Good OO Class Design)
- Functional Correctness and Completeness
- Readability
- Modularity and Extensibility
- Exception handling

Good To Haves:

- Concurrency
- Debugging Skills
- Tests
- Language Proficiency

PS/DS

- Problem Solving Skills/Approach
- Knowledge and Choice of DS and Algorithms
- Time Complexity and Space Complexity Analysis
- Corner case handling
- Ability to pick up hints and course-correct
- Check if a real-world situation can be modelled into computer science domain and solved

Design

Expectations:

- Requirement gathering, given a well-defined problem statement (essentially, an SDE-2 is expected to convert Product Requirements into a working design)
- Thorough E2E functional model, with OO design
 - Entity (class) design
 - Schema design (data store), wherever applicable
- Good abstractions and clear Separation of Concerns
- Good OO/Functional Interfaces design
- Stitching of control flows and data flows within the functional model
- Extensibility and Adaptability

Good To Haves:

- Use of applicable design patterns (Singleton, Factory, Builders, Decorator)
- Handling extensions easily (high-level of configurability, dependency injection etc.)

- Coming up with multiple approaches, discussing their pros-and-cons and objectively selecting what he considers best
- CRUD challenges over schema design
- Extending the design of the stand-alone application to client-server, peer-2-peer model

Hiring Manager Round

- Past Work
- Culture Fit in terms of adjusting to the fast pace, being audacious, Adaptability/Learnability, Accountability, Tech Curiosity, Team Player , Attitude etc
- Self Awareness and Moments of Pride
- Reason for Change and Motivation to Join
- Mutual Expectations
- Ability to drive/lead + Exposure to Design
- Communication and collaboration
- Mentoring Skills
- SDLC Process/Planning