

Interviewing @ Flipkart – what do we expect.

Onsite Interview Preparation

- Please arrive 15 minutes ahead of your scheduled time.

Programming Languages and Machine Coding Round

- We do not require knowledge of any specific programming language
- Familiarity and understanding of internals of a widely used language is a prerequisite
- Knowledge of how to use a build system and IDE for the language
- Being able to create modular, readable code, follows well known patterns
- Functioning code, that has test cases
- Depending on the level and vertical - concurrency, distributed nature, systems programming, UI programming nuances etc.
- Give past samples of machine coding round questions for that level

Problem solving, Data structures and Algorithms

- Background in having used data structures and algorithms in solving problems in the past
- Understanding of nuances (for various write, search and read patterns) of abstract data-types and algorithms on those ADTs that are level appropriate
- Complexity analysis - space and time complexity and the ability to make trade-offs
- Demonstrate the ability to apply these concepts in problems posed - use the right kind of DS and justify their usage, use the right kind of algorithms and justify their usage and eventually solve the problem posed
- Give past samples of PS/DS/Algorithms questions for that round

Architecture and Design (HLD/LLD)

- Demonstration of understanding of architecture and design of systems worked in the past
- Ability to break down a problem's solution into multi-component architectural blocks
- Lay out and justify tech-stack choices
- Talk about good abstracted modules, APIs and API contracts
- Object oriented design and service oriented architectures where applicable

- Understanding of non-functional aspects of the system like security, performance, reliability etc.

Domain Knowledge

- Databases, Data modeling, Internet technologies, UX/UI technologies, Operating Systems and Systems Software.
- Add information here for various job verticals
- Sample questions that are domain specific as examples for various levels

Post-interview

- Please share your interview experience through the survey link that is shared by the recruiter.