Target India – Mock Interview Questions (Engineer 1–3 YOE)

DSA Coding Questions

- Find the first non-repeating character in a string
- Merge intervals
- Find the lowest common ancestor of a binary tree
- Implement LRU Cache
- Detect cycle in linked list

Object-Oriented Design

- Design a Parking Lot system
- Design a Library Management System
- Explain SOLID principles with examples
- Difference between interface and abstract class

System Design (Basic)

- Design a login and authentication system
- Design a notification service
- Design a product catalog system

Database & SQL

- Write a SQL query to find the 2nd highest salary
- Explain indexing and its advantages
- Difference between INNER JOIN and LEFT JOIN
- Explain ACID properties

Behavioral Questions

- Explain a project you are most proud of
- Describe a challenging bug you fixed
- How do you handle tight deadlines?
- Tell me about a failure and what you learned