

Onsite Experience for SDE 2.5/ SDE 3 Backend role:

- 1st round - PubSub problem to design and implement. It was more like design discussion and code review in detail.
- 2nd Round - Most questions on scaling related and also some projects I had worked at Ola. Difference between RDBMS and noSql. When to choose what? More DB related and some design questions.
- 3rd Round - Detailed design of Tiny URL. Scaling and concurrency issues.
- 4th Round - PS DS: Given # of tasks needs to be executed such that each had few limitations (each task had deadlines and need to be finished ASAP, more faster the tasks are done more the profit) and order needs to be figured with $O(n)$. Tasks should be executed sequentially.
DS used in text editor and detailed discussion and time complexity of DS insert, update and access.
- 5th Round - Hiring Manager: Huge data related problems and optimum solutions for the same. Knowledge and Big Data and NoSql. Regular Hiring manager/ Cultural fit questions.