OLA Interview Experiences

# **Slot: 1**

# **Procedure**

1. Test: Yes. (Online)
2. Interview Mode: Virtual (Zoom)

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# Subhasis Biswas

**Personal View**: Less theoretical, more of DevOPs + AI/ML mix.

**Status**: Shortlisted through online test. Didn’t proceed to the second technical round.

**Interview Description**

## **Round 1:**

Started with a brief generic mutual introduction. Interviewer worked on OLA Krutrim LLM related stuff. Asked me regarding the overall architecture of my internship product.

As evident from the topic of the internship, it was on safeguarding LLMs from misusages and hallucinations etc; I was also asked about the prospects of its scalability. Then I was asked about my MTech project.

The topic then moved to ViT, the overall patching of the images (An Image is Worth 16x16 Words) and the high-level overview of the model architecture. Questions on class imbalance scenarios and their mitigations.

Conversation then shifted to general very in-depth transformer architecture. Was asked to implement a single self-attention unit (used torch). It was being coded live.

Then some questions as follows:

• A model with a quite high parameter count is being trained on a small dataset, what is expected to happen?

• How to detect overfitting?

• How to prevent?

• Is accuracy a good metric in all scenarios?

• Explain AUC-ROC.

Finally, the coding question:

If the letters in a string ***s*** are shifted by a certain fixed amount, say ***k***, then it can act as an encrypter. Write out the functions to produce the encrypted string and from the encrypted string, decode the original given the key.

**Possible Cause of Rejection**: Unknown. Was very positive about the interview.

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