Pre-screening Test: Technical Editor, Packt

1. Please show/share your portfolio website (or list of websites you have done).

- Here is the link to my portfolio website: https://jubit-pincy.github.io/

2. Have you coded or taken part in any coding events? Do you have any personal code repositories?

- Yes, I have coded for my final year project as well as several other smaller projects during my degree. Yes, I do have a repository for my portfolio.

3. How many Operating Systems have you worked on in the past? Name them!

- I've worked on Windows, Ubuntu, Debian, and Mac OS. As for mobile OS I'm only familiar with Android.

4. Have you ever installed any software and hardware on your system?

- I have installed various software such as Blue Stacks, GitHub, VS Code, Spotify, Drupal, XAMPP, Telegram, Pivot Animator, Dev C++, Python as well as PostgreSQL on my personal computer.

5. How do you keep a tab of new emerging technologies, what all websites do you visit to research on them

- Some of the websites I use to research emerging technology are gadgets360 as well as articles from Discover on Google. I also watch the videos of YouTube creators such as Mrwhosetheboss and MKBHD to keep track of trends in technology.

6. How many technologies have you learned by yourself (not in academics but by self-researching)

- Basics of Artificial Intelligence, Drupal, as well as Bootstrap and Figma are some of the technologies I have self-learned.

7. What do you think is a tech area that is going to make a major impact in the next 5 years?

- The field of education for special children aided with AI is an area I think will have a major impact in the next 5 years. For example, there are already bots that help children with ASD to help them integrate better socially. In the future these bots may be able to tailor specifically for each child's needs as every child has different impairments and cannot have a one-size-fits-all software.

8. If someone who has no idea of computer programming asked you which programming language they should start with, what would you suggest? Why?

- Python is one of the easiest yet capable languages which is simple to learn for anyone without any prior coding experience and so I would suggest the same for someone who is looking for a simple language that can do a lot of things with less code. The syntax is not too difficult and the language speaks for itself as the user can understand what the code does simply by reading it. But if someone wants to truly learn the why's and how's of a language and the different things each line of code does, then I'd suggest C or C++ as it has many components and each defined for a purpose. This language is perfect to get into learning languages as once either of these are mastered then understanding the others are not too difficult.

9. How has knowledge of computer programming changed the way you think? Give us an example of how you applied this.

- Once I began programming, I realized that there is always more than one way a problem can be solved. Just like how a program written in two different ways can produce the same output, in the same way a problem in real life does not always have to have only one solution. Where I mainly applied this discover of mine was in math. I always found it difficult to understand the methods in the textbook and preferred to solve equations in my own way. Of course, this did earn me some reprimanding from the teacher initially but later on she helped me reach the solution despite me not solving them the textbook way.

10. Can you think of an instance where you were faced with a hurdle and you had to overcome it using your problem solving capabilities?

- One of the biggest hurdles for me was to get a group of people to come to agreement on one thing when each person has a different opinion. For example, there was a group of four, including me, and we planned to go out to get some things done. But each person wanted to go to a different place to get their things done. This was particularly difficult as we had to travel by bus, and all the destinations we had in mind were quite far apart from each other. I looked up places where all our needs could be met and planned a route so each of us could get our work done as well as spend a good time outside. I discussed the same with them and our little venture was a success as everyone got what they wanted without having to compromise on much.

11. What is the most challenging thing you've done till date?

- The most challenging thing I have done would be completing the final year project. It was a group project and during the lockdown it was extremely difficult for us to collaborate and work on the same website on three different systems, remotely. More than coding it was difficult to express our ideas for the website effectively as we often faced network connectivity issues. However, using Figma was a great a way for us to create a wireframe for our design concepts and work on it even if we were not online at the same time. This gave us the freedom to work on the website whenever we had time and stable connectivity as well as communicate the design ideas better without having to code each design and instead finalize the design and then begin to code.

12. Do you have any plans for further studies? If yes, when?

- I do plan on pursuing my Masters in Artificial Intelligence in UK towards the end of next year (2023) depending on the course availability.

13. What is your monthly and annual gross salary? If you have a variable component, please add the details (amount and frequency of pay out)

- I currently do not have a monthly or annual gross salary because I am a fresher.

14. What are your salary expectations (monthly gross)

- INR 30k per month in hand.

15. Do you have all the required documents which reflect your current gross salary and variable components?

16. What is your notice period and is this period negotiable?

- As I am a fresher, I do not have a notice period.

17. In 300-500 words, tell us what you think about Packt's mission - Does it excite you? Could it be improved?

- It is indeed a time where technology is at its peak and keeping up with it is not as easy as it seems. And it is a tremendous deal to be publishing books as well as other content for enthusiastic learners who wish to keep themselves up to date with latest technology. The materials being free of DRM is an added plus. The idea of content being created that can help one understand a concept better is truly exciting for me and I would love to be a part of it as well. I have always liked being able to clear the doubts of my peers by making concepts relatable and easier to understand. The idea of such a vast library of tech content

being made available to users on a subscription is a great deal. It also gives the user the power to choose when they want to learn and thus taking away the pressure of having to complete going through the material in a certain time. It is also a great to that you provide an opportunity for authors who wish to publish their works with you. They can put into the world a different take on their experience with technology that might help someone. I do not think Packt's mission needs any improvement but I do think that giving certifications on course completion as it would create a sense of accomplishment in the users as well as prompt them to learn more.