**Predicting Interview Questions**

Write some questions that you might be expected to answer related to the specific job you are applying for. Look at your job description and try to guess. Then, answer those questions.

1. Can you describe your web development experience and how it meets the requirements of our position?

I have extensive experience in web development and am proficient in HTML, CSS, and JavaScript. I hear SenseNet needs to optimise the interactivity of your website for clients. That's exactly what I did in the GitKraken project mentioned in my resume. Also, the project we called NexGenFit, which I led, shows my project leadership skills and ability to make the user-friendly UI pages which you want.

2. How do you design a user-friendly page?

First, I will work with the team to imagine ourselves as users, thinking about all the basic needs users might have when using our website. Then, we will create a survey to get public opinion. Finally, we will design the final page by combining the feedback with the experience from similar websites.

3. How do you work well with the team and ensure the work is completed on time and according to plan?

During the design stage, we used Figma to gather everyone’s design ideas and finalise the plan. After that, any changes must be discussed in the group. To ensure the plan stays on schedule, we use Trello to break down a complete task into smaller tasks, assign responsible persons, and set deadlines for each stage.

4. How familiar are you with OpenGL and Linux, and how can these technologies be applied to web development?

Although my experience with Linux and OpenGL is limited, I am very interested in computer science and eager to learn new fields. This is one of the reasons why I actively participate in development within the GitHub community. I am very willing to apply what I have learned to the development of web animations and interactivity for SenseNet.

5. Have you ever worked with APIs? Can you provide examples?

Yes, I have extensive experience using APIs. In previous projects, I have worked with MoveNet API, Google Calendar API, OpenStreetMap API, ChatGPT API, and OAuth authentication for third-party platforms like Google. I believe I have enough experience to handle future projects.

**Answering Sample Questions 1**

Now, write down your answers to the following common interview questions.

1. Tell us about yourself. Try to use the PAWS method below.

**Personal**: What is it about the company and/or role that you are interested in? This would be a great time to use an interesting anecdote to describe your journey so far and why you are here.

**Academic**: Describe how your education and training relate to the position and focus on those subject areas you are passionate about.

**Work**: Mention any work and voluntary experience that would be useful to the role and outline your results and achievements. What value have you added to your positions?

**Skills**: Describe the skills you developed and demonstrated formally and informally and how they relate to the job that you are applying for now. How did you develop them and why? When have you used them? \*

I am interested in your company's work in wildfire prevention, as I believe protecting nature is essential. I am eager to contribute my technical skills to raise public awareness and promote your products. I am studying for a diploma in computer systems technology at BCIT, focusing on web development and programming. I have a lot of web development experience and participated in several GitHub community and school projects. I am proficient in front-end technologies like HTML, CSS, JavaScript, and frameworks like Vue.js and React. I am also skilled in using tools like Git and Figma, which I apply to real-world projects.

2. What skills and technologies are you the most interested in improving upon or learning?

I am interested in learning more about OpenGL and developing in a Linux environment, as they are valuable in web development.

3. What do you know about us?

I know that SenseNet Inc. is focused on wildfire prevention and protecting the natural environment. You play a key role by raising public awareness and researching fire prevention technology. I strongly agree with the company’s mission and look forward to contributing to this duty.

4. If you needed to explain the solution to a problem, how would you go about it? e.g. a technical problem explained to an end user

I will first know the user's technical background and then explain the solution in a way they can understand, breaking it down step-by-step. I would use diagrams or real-world examples to help them understand easily.

**Answering Sample Questions 2**

Use the STAR technique to answer all the following questions. Look at lecture slides to help formulate STAR answers.

1. Tell me about the least successful team project that you worked on.

In a math group assignment at school, my partner and I had to complete tasks individually and compare our answers to submit the final version. However, due to a lack of communication, he submitted an almost empty assignment just before the deadline, which gave us a low mark. This experience taught me that it is very important to follow up on team members' progress to ensure projects are completed on time.

2. Tell me about how your roles in a team could benefit this job.

I was the team leader and developer on the NexGenFit project. I created the project plan, assigned tasks, and used tools like Trello and Slack to keep the team in communication. The project finally received a 100% score. I believe my teamwork and leadership skills will be valuable for this web developer role.

3. Tell me about a successful technical task you have worked on. What made it a success?

In the GitKraken localisation project, we needed to translate the language JSON file. Previous contributors had to translate and proofread manually. I developed an automated translation tool and integrated both Youdao Zhiyun API and OpenAI API, automating the translation process, significantly shortening the time required for localisation, and increasing the update speed. The key to success was innovative thinking and solving the problem effectively.

4. Tell me about a time you failed and what you took away from the failure.

I once tried to implement the tools I used when I first learned programming in a GitKraken localisation project. Since the project was developed for learning purposes, it failed. This experience made me realise the importance of modularising a project.