Personality Assessment

1.  A good portion of our work is in Smalltalk, which provides a powerful back-end environment. Have you had any experience with Smalltalk? If not, what are your impressions?

I have a basic knowledge of Smalltalk. If allotted work on Smalltalk, I think I would not face any difficulties as I have a solid understanding and work experience in object-oriented programming languages. Apart from this, I have got a good idea about Smalltalk while working on the LightsOutGame. I think I will pick up in no time.

2. Describe a time that you had to pick up a project that you didn’t start, or entered a project mid-stream; what were the biggest obstacles?

When I was working as an Intern at the Department of Finance NY. I picked up an incomplete project, which was built on SharePoint. SharePoint was a new technology for me. I started taking SharePoint online course, which helped me understand the already existing implementation, then I implemented new creative ideas into the project. Meanwhile I was also planning and gathering requirement for another new project which was to be developed from scratch. After finishing the internship course, I am now confident that I am capable to learn new technologies and pick up any incomplete work. I have also discovered that my ability to work independently has improved.

3. Describe your preference for front-end or back-end and why?

I have worked as a full stack developer and I enjoyed working at both the ends. I am interested to work both as a front-end and as a back end because both are unique in their own ways and offer great challenges.

4. What is your favorite part of the Software Development Cycle and why?

My favorite part of the Software Development cycle is deployment. Of course, development is remarkable, but when you complete the development and testing, the real excitement lies in deployment. When you deploy your project to live servers, you see an idea taking a new life and becoming tangible which is mesmerizing.

5. What most interests you about this opportunity?

I am passionate about programming. I have been learning and developing applications for Windows, Web and mobile platforms. I have a strong understanding of Object-Oriented Programming languages like Java and other technologies like MySQL, HTML, CSS, REST, HTTP, Android development etc. The experience and academics will help me to perform duties that are listed in the job description. I strongly comply with the company’s goal to create sophisticated and easy to use software. Essentially, I see this position as a perfect blend of my professional goals and personal passion.

6. We are a small team and successful collaboration is vital. What in your view is needed for collaboration to succeed?

I think good communication and focus on outcome are mainly the two things any team should possess to succeed.

Good communication: Communication helps everybody to be on the same page. Having an open communication with your Manager and your colleagues will save your time and complexities. Communicating ideas and opinions is important. Also, understanding people’s perspective is vital.

Focus on outcome: I learned this while I was working at Torry Harris Business Solutions. Our team always use to focus on the outcome. Before the meeting, we use to discuss about key results and outcomes. Every individual in the team was aware about the outcome that is expected of him.

What special assets can you bring to the party?

I am competent with latest software development technologies. I have 3+ years of experience and good academics. I am capable to work independently or within a team. I always strive to bring new ways and ideas into the project. I am interested in learning and growing. I look forward to taking more responsibilities and challenges that will help contribute to the growth of the company.

During the development of Lights Out Game

1. What is the functionality of the self in Smalltalk?

In object-oriented programming this is referred to as the current object. Similarly, the self in Smalltalk refers to the current object of the receiver, when it calls a different method.

1. What is the difference between an instance method and a class method?

Instance method is related to an object/instance. Instance methods are at the object level. Instance method can access instance variable of the class.

Class method is related to a class and not any specific object/instance. Class variables can be accessed by only class method. As class variables are initialized much before any instance of the class.

1. How did using Object oriented programming help create the Lights Out Game?

One of the biggest advantages of using OOP in Lights Out Game is the loose coupling and great cohesion. Classes were not entirely dependent on other classes. There was a clear segregation of the methods between instance and class. Every method has a greater cohesion, each method is completely defined and has a specific functionality to offer.