

**What experiences have you had with coding and/or programming so far?
What other experiences (programming-related or not) have you had that may help you as you progress through this course?**

I had no knowledge of coding before registering for the Full-stack developer course with careerFoundry. I worked as an Account Executive for FMCG companies which is not related to programming.

What do you know about Python already? What do you want to know?

I have heard that Python is a popular programming language that is beginner-friendly for non-programmers to learn.

I would like to know how to use Python to build a game because I would like to create one.

**What challenges do you think may come up while you take this course?
What will help you face them? Think of specific spaces, people, and times of day of the week that might be favorable to your facing challenges and growing. Plan for how to solve challenges that arise.**

The biggest challenge for me is that I have only 3 weeks to complete this course. (If not then I need to pay extra money and void the job guarantee.) Moreover, I am not so good at learning anything new with reading only texts and this course is full of heavy texts. My plan is to submit at least 5 tasks per week. There is no space for failing.

In your own words, what is the difference between frontend and backend web development? If you were hired to work on backend programming for a web application, what kinds of operations would you be working on?

Frontend web development focuses on creating the user interface and experience of a website or application, involving technologies like HTML, CSS, and JavaScript to design and implement the visual elements and interactivity that users interact with directly.

Backend web development, on the other hand, deals with server-side logic and database management, using languages like Python, Ruby, or Node.js to handle data, user authentication, and the overall functionality that supports the front end.

How would you explain the similarities and differences between the two languages to your team? Drawing from what you learned in this Exercise, what reasons would you give to convince your team that Python is the better option?

Python and JavaScript are both high-level programming languages with versatile applications, yet they serve distinct purposes. They share similarities in being interpreted, dynamically typed, and having active communities.

Python stands out as the superior choice due to its unparalleled readability, versatility, and robust ecosystem. Its clean and intuitive syntax fosters efficient collaboration and reduces development time, making it an ideal language for teams.

Write down 3 goals you have for yourself and your learning during this Achievement.

1. Be able to code with Python effectively
2. Have Python projects on my portfolio
3. Convince the HR and IT team lead that I am well-versed in Python