Full Stack Python Developer - Sample

Candidate-ID	**0042400001**
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Screening Test

Completed on : 18-Nov-2024 12:57 PM

#	Question	Response	Marks
1	Are you able to write small programs on your own in Python / Java?	Yes	1
2	Are you flexible to work extended hours / weekends if work demands?	Yes	1
3	Can you test your code with all possible test cases?	Yes	1
4	Do you enjoy working extended hours to solve coding problems?	Yes	1
5	Do you know how to troubleshoot / debug the code written by you?	Yes	1
6	Do you think you can learn new technical / development skills on your own?	Yes	1
7	Do you think you have suitable skills required to be a successful software developer?	Yes	1
8	Have you completed your education and now prepared to work?	Yes	1
9	Have you taken any long term course on Python / Java Development?	Yes	1

Overall Score : 9/9 (Promoted)

Coding Test

Completed on : 18-Nov-2024 12:59 PM

1. Write a program to return words to any given number ?(Ex. for input 150 output has to be One hundred fifty only)
Marks Scored : 5

```
class NumberToWordsConverter:
  def __init__(self):
    # Define words for different ranges
    self.units = ["", "One", "Two", "Three", "Four", "Five", "Six", "Seven", "Eight", "Nine"]
    self.teens = ["Ten", "Eleven", "Twelve", "Thirteen", "Fourteen", "Fifteen", "Sixteen", "Seventeen", "Eighteen", "Nineteen"]
    self.tens = ["", "", "Twenty", "Thirty", "Forty", "Fifty", "Sixty", "Seventy", "Eighty", "Ninety"]

  def convert_to_words(self, number):
    if number == 0:
      return "Zero"
    elif number < 10:
      return self.units[number]
    elif 10 <= number < 20:
      return self.teens[number - 10]
    elif 20 <= number < 100:
      return self.tens[number // 10] + ("" if number % 10 == 0 else " " + self.units[number % 10])
    elif 100 <= number < 1000:
      hundreds = self.units[number // 100] + " Hundred"
      remainder = number % 100
      if remainder == 0:
        return hundreds
      else:
        return hundreds + " " + self.convert_to_words(remainder)

# Example usage
number = 150
converter = NumberToWordsConverter()
print(f"The number {number} in words is:", converter.convert_to_words(number))
```

Overall Score : 5/5 (Promoted)

Interview

Interviewed on : 18-Nov-2024 02:00 PM **Interviewd by : Srikanth - Sample User**

Interview Summary	
Personal	4.4
Professional	4.0
Python	3.67
Challenges	3.0
Average interview rating	3.77

Question wise rating:

Personal

Talk about your self-covering your education, trainings and motivation for work ?	4
What is your strengths and weaknesses?	5
Why do you need a job?	3
Why you were not hired in the campus?	5
Why are not going for further higher studies ?	5
Average rating	4.4

Professional

Why do you think you are suitable for software developer role?	4
Average rating	4.0

Python

Explain me little bit about in which kind of projects Python is useful?	2
Can we develop deskop applications using python ?	4
Talk few most used libraries of python ?	5
Average rating	3.67

Challenges

What is the toughest thing for you?	3
Average rating	3.0

Interviewer Remarks:

No Remarks

Interviewer's Feedback:

Interviewer	Decision	Notes
Srikanth - Sample User	Hire	Candidate has good communication skills