

# Full Stack Python Developer - Sample

|                |                              |
|----------------|------------------------------|
| Candidate-ID   | 0012400004                   |
| Candidate Name | Srinivas Gadepalli           |
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## Screening Test

Completed on : 18-Nov-2024 03:24 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 made firm decision to become software developer?                             | Yes      | 1     |
| 10 | Have you taken any long term course on Python / Java Development?                     | Yes      | 1     |

Overall Score : 10/10 (Promoted)

## Coding Test

Completed on : 18-Nov-2024 03:25 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 03:30 PM

Interviewed by : Pratap

### Interview Summary

|                          |      |
|--------------------------|------|
| Personal                 | 2.6  |
| Professional             | 3.0  |
| Python                   | 4.0  |
| Challenges               | 3.0  |
| Average interview rating | 3.15 |

## Question wise rating:

| Personal                                                                          |     |
|-----------------------------------------------------------------------------------|-----|
| Talk about your self-covering your education, trainings and motivation for work ? | 4   |
| What is your strengths and weaknesses?                                            | 3   |
| Why do you need a job?                                                            | 2   |
| Why you were not hired in the campus?                                             | 1   |
| Why are not going for further higher studies ?                                    | 3   |
| Average rating                                                                    | 2.6 |

| Professional                                                   |     |
|----------------------------------------------------------------|-----|
| Why do you think you are suitable for software developer role? | 3   |
| Average rating                                                 | 3.0 |

| Python                                                                  |     |
|-------------------------------------------------------------------------|-----|
| Explain me little bit about in which kind of projects Python is useful? | 5   |
| Can we develop desktop applications using python ?                      | 3   |
| Talk few most used libraries of python ?                                | 4   |
| Average rating                                                          | 4.0 |

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

## Interviewer Remarks:

No Remarks

### Interviewer's Feedback:

| Interviewer | Decision | Notes                                     |
|-------------|----------|-------------------------------------------|
| Pratap      | Hire     | candidate have good communication skills. |