Java Full Stack Developer

Candidate-ID	**0072600003**
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Source	**Manikanta**

Screening Test

Completed on : 29-Jan-2026 11:28 AM

#	Question	Response	Marks
1	Do you have professional experience between 1 to 5 years?	Yes	1
2	Would you be open to relocating to Hyderabad?	Yes	1
3	Are you familiar with Agile methodologies, including Scrum or Kanban?	Yes	1
4	Are you open to traveling for work when necessary, either domestically or internationally?	Yes	1
5	Will you be flexible any role in Software Engineering	Yes	1
6	Explain about yourself why you are the right candidate for this Job	video response	1
7	Have you recently completed your education and training, and there no is major Gap (more then one year after the education)	Yes	1
8	Are you, willing to work on-premises (there is no work from home)	Yes	1
9	Are you, available immediately to join us, if we hire you	Yes	1
10	if we hire you, will you be prepared to stay and work with us at least for two years	Yes	1

Overall Score : 10/10 (Promoted)

Coding Test

Completed on : 29-Jan-2026 12:52 PM

1. Question: Implement an EMI Calculator in Java. The objective is to create a program that calculates the Equated Monthly Installment (EMI) for a given loan. The EMI is calculated based on the principal loan amount, annual rate of interest, and loan tenure. Sample Input : Principal amount: 500000 Annual rate of interest: 7.5 Loan tenure: 20 Expected Output : The calculated EMI is: 3982.71

```
public class EMI_Calculator {

  // Method to calculate EMI
  public double calculateEMI(double principal, double annualRateOfInterest, int loanTenure) {
      if (principal < 0) {
          throw new IllegalArgumentException("Principal amount cannot be negative");
      }
      if (annualRateOfInterest < 0) {
          throw new IllegalArgumentException("Interest rate cannot be negative");
      }
      if (loanTenure <= 0) {
          throw new ArithmeticException("Loan tenure cannot be zero or negative");
      }

      double monthlyRate = annualRateOfInterest / (12*100);

      int  numberofMonths  = loanTenure *12;

      double emi = (principal * monthlyRate * Math.pow(1 + monthlyRate, numberofMonths))
                  / (Math.pow(1 + monthlyRate, numberofMonths) -1);

      return emi;
  }

  public static void main(String[] args) {
      EMI_Calculator calculator = new EMI_Calculator();

      // Test data
      double principal = 500000;
      double annualRateOfInterest = 10;
      int loanTenure = 20;

      // Calculate EMI
      try {
          double emi = calculator.calculateEMI(principal, annualRateOfInterest, loanTenure);
          System.out.printf("The EMI for a principal of %.2f, interest rate of %.2f%%, and tenure of %d years is: %.2f%n",
                  principal, annualRateOfInterest, loanTenure, emi);
      } catch (Exception e) {
          System.err.println("Error: " + e.getMessage());
      }
  }
}
```

Marks Scored : 2/2

Overall Score : 2/2 (Promoted)

Interview

Interviewed on : 30-Jan-2026 10:00 AM **Interviewd by : Srinivas Gadepalli**

Interview Summary	
Inheritance	2.0
Average interview rating	2.0

Question wise rating:

Inheritance	
Explain me with example usecase of Inheritance in Java ?	2
Average rating	2.0

Interviewer Remarks:

No Remarks

Interviewer's Feedback:

Interviewer	Decision	Notes
Srinivas Gadepalli	Not Hire	may be hired