

Name: Vidya A Murteli
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Summary:

To continuously enhance my knowledge, skills and experience to the best of my ability by getting involved in challenging work environment.

Academic Details:

Graduation	Year of Passing	Institute	University	% or GPA
Bachelor of Engineering (ISE)	2023	Basaveshwar Engineering College Bagalkote	Vishvesvaraya Technological University	8.5
Intermediate (12th)	2019	Thungala Science Composite PU College ,Jamakhandi	Pre University Education	84
SSLC	2017	Thungala English Medium High School Jamakhandi	Karnataka Secondary Education Examination Board	92.96

Technical Skills:

- Programming: C, Core Java, Python(Basics)
- Data Structures and Algorithms
- Database Management System and SQL
- HTML and CSS
- Operating System, Computer Networks

Internships and Certificates:

- Internship on Web Development at IStop
- Internship on Full stack web development at Eyesec Cyber Security Solutions Pvt. Ltd. Belagavi
- Participation certificate in “GGSY” organized globally by IIT Bombay
- Participation certificate in technical event “TECHNOPHILIA”

Project:

Hostel Mess-Management System (Mini project): A web portal that helps students to view their monthly mess fees and admin can enter daily attendance of students. It also provides various functionalities like calculating monthly mess fees of each student, providing and viewing the feedback.

Vehicle Safety and Alert System (Major Project): The system will try to avoid the accidents using sensors. If accident is unavoidable, then the system will detect the accident location and notifies to emergency services using GPS module. The system will rescue the victim of accident.

Personal Details:

Date of Birth: 07/03/2001

Languages known: Kannada, English, Hindi

Permanent Address: Vidya Nagar , Rabakavi, Dist: Bagalkote – 587314

Declaration:

I hereby declare that the information that I have furnished is legitimate to the best of my knowledge and ability.

Vidya A Murteli

BITWISE OPERATORS:

Bitwise operators are the operators which are used to perform bit-level shifting on integer values. Here are the bitwise operators present in java:

Left Shift Operator("<<"):

This operator shifts the bits of the left-hand operand to the left by a specified number of positions. The right-hand operand specifies the number of positions to shift. The vacant bits on the right are filled with zeros.

Example:

```
class Main {  
    public static void main(String[] args) {  
  
        int number = 2;  
  
        // 2 bit left shift operation  
        int result = number << 2;  
        System.out.println(result);  
    }  
}
```

Output:8

Right shift Operator(">>"):

This operator shifts the bits of the left-hand operand to the right by a specified number of positions. The right-hand operand specifies the number of positions to shift. The vacant positions are filled based on the sign of the original value. If the value is positive, the vacant positions are filled with zeros; if the value is negative, the vacant positions are filled with ones.

Example:

```
class Main {  
    public static void main(String[] args) {  
  
        int number = 8;  
        System.out.println(number >> 2);  
    }  
}
```

Output:2

This program demonstrates the use of the left and right shift operators.

```
class ShiftOperators {  
    public static void main(String[] args) {  
        int value = 10;  
        // Shift the value left by 2 bits.  
        int shiftedValue = value << 2;  
        // Print the original value and the shifted value.  
        System.out.println("Original value: " + value);  
        System.out.println("Shifted value: " + shiftedValue);  
        // Shift the value right by 2 bits.  
        shiftedValue = value >> 2;  
        // Print the original value and the shifted value.  
        System.out.println("Original value: " + value);  
        System.out.println("Shifted value: " + shiftedValue);  
    }  
}
```
