RESUME

DIVYASHREE H N
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OBJECTIVE

To serve the organization with the best of my abilities & become professionally trained where I can sharpen my skills and utilize them to become a valuable contributor in the organization.

TECHNICAL KNOWLDEGE & SKILLS

- java (basics).
- HTML|CSS.

ACADEMIC PROJECT

Title: EMOTION RECOGNITION USING IMAGES.

Technologies used: PYTHON, MACHINE LEARNING.

Title: PC MAINTENANCE MANAGEMENT SYSTEM.

Technologies used: JAVA (coding language), HTML, CSS and Bootstrap (front-end), MYSQL (back-end).

Title: Patient Medicine Monitoring System.

Technologies used: C#, Java, MYSQL, IOT.

EDUCATIONAL QUALIFICATIONS

- **Bachelor of Engineering in Computer Science**

  Government engineering college, krishnarajapete

  December 2020 to august 2023

CGPA-8.02 (upto 8th sem).

- **Diploma in Computer Science**

  Government CPC Polytechnic, Mysore

  June 2017 to September 2020

93.74

- **Secondary**

  Nirmala English High School, Pandavapura.

  June 2014 to March 2015

  87.04

PERSONAL TRAITS

- Hard & Smart Working.
- Flexible and quick learner.
- Good team player as well as an ability to lead the team.

TRAINING & CERTIFICATE

- Completion of Internship Training on Python, Machine learning, web technology, in Contriver, Mysore (October 2022).
- Completion of "Introduction to Soft Skills" in TCS.
- Completed Certificate of completion of "Digital 101 Journey" in IT - ITeS SSC NASSCOM.
- Participated in International Conference (ICAET2023) have presented the paper titled "Patient Medicine Monitoring System – The Process and Systematic Review".

HOBBIES

- Watching Movies
- Arts, Drawing
- Listening Music, Travelling

DECLARATION

I hereby declare that the above furnished information and details provided by me are correct to best of my knowledge.

DIVYASHREE H N

Bitwise operators :-

A bitwise operator in java is a symbol that performs specified operation on standalone bits, bit by bit it works and taken one at a time.

There are 7 types

1) BITWISE OR [|]
2) BITWISE AND [&]
3) BITWISE XOR [^]
4) BITWISE COMPLEMENT [~]
5) BITWISE LEFT SHIFT [<<]
6) BITWISE RIGHT SHIFT [>>] (Signed)
7) UNSIGNED RIGHT SHIFT [>>>] (unsigned)

1) BITWISE OR :-

It is a binary operator. It returns bit by bit OR of input values.
i.e., if either of bits is 1, it gives 1, else it shows 0.

ex:-

a = 5
b = 7

we have 2 conversions
i) decimal to Binary ~~ii) Binary to decimal~~

a = 5 → 0101
b = 7 → 0111

(5)10 → 101(2)

2 | 5	
2 | 2 - 1	
1 - 0	
↳ 1	

2 | 7	
2 | 3 - 1	
1 - 1	
↳ 1	

0101
0111
0111 ⇒ o/p
↓
o/p in Binary

Dream Line

ii) Binary to decimal

$2^2\ 2^1\ 2^0$

$1\ 1\ 1$

$1\times2^2 + 1\times2^1 + 1\times2^0$

$1\times4 + 2 + 1$

$= (7)_{10}$.

o/p of Binary to Decimal.

2) BITWISE AND

it is binary operator, if both bits are 1, it gives 1, else it shows 0.

3) BITWISE XOR

it is binary operator, it corresponding bits are different it gives 1, else it shows 0.

ex: a = 5 = 0101

b = 7 = 0111

```
0101
0111
----
0010  = 2
```

4) BITWISE Complement

is an unary operator, it returns one's complement representation of i/p value.

Note compiler give 2's complement of that number.

5) LEFT SHIFT

It shifts a bit pattern to the left.

6) Signed Right Shift

it shifts a bit pattern of a number towards the right with a specified numbers of positions & fills 0.

7) unsigned Right Shift

it shifts a zero at the leftmost position & fills 0.

ex:

```
class Bituise{
public static void main (String []args){
    int a = 5;
    int b = 7;
System.out.println("Bituise OR is:" +
                        (a|b));
System.out.println("Bituise AND is:" +
                        (a&b));
System.out.println("Bituise XOR is :" +
                        (a^b));
System.out.println("Bituise complement is:
                        + ~a)

    }
}
```

Dream Line