**Sushma S Nyamagowdar**

[**shshmasn@gmail.com**](mailto:shshmasn@gmail.com)

**+919731221789**

**TECHNICAL SKILLS**

Programming Language: JAVA, C.

Web Technologies: HTML, CSS, JAVASCRIPT.

IDE: Eclipse, Visual Studio.

Version Control: Github.

OtherTools: NotePad++.

**TRAINING**

Per**s**uing Enterprise application development training in X-workz.

**PROJECT**

* Final Year Project:

Name: KITtyBot

Description: A four-legged robot more in a “mammal Style” then the “spider” or “insects”. This robot is to build using Arduino and low cost micro servos. This solution of course has its limitations. Making a robot like that was quite challenging since it easily tips over due to high center of gravity and budget was really very small.

This robot had its own limitations as well. The main was to build cheap robot using Arduino and low cost micro servos.

**QUALIFICATION (2016-2020)**

Completed Bachelor Degree in Engineer from VTU University.

**TECHNICAL SUMMARY**

**JAVA:**

principles of Object Oriented Language

1.Abstraction-

* Understand of interface and Abstract class.

2.Inheritance-

* Extending one class from another class.
* Types of Inheritance

1. Single Inheritance-One class inherits the members of Parent class.
2. Multilevel Inheritance - A class Inherits the members from another class, which again has inherits properties.
3. Hierarchical Inheritance- One or more classes inherits the members of single class.
4. Multiple Inheritance- one class inheritance the members of more than one class.

* Understanding of Diamond Problem-The problem arises when multiple Inheritance is used.

3.Encapsulation-

* Hiding the Information.
* Achieved by getters and setters and variable as private.

4.Polymorphism-

* Performing of single action in different ways.
* Achieved by Method overloading and method overridden.
* Types of Polymorphism

1. Compile time Polymorphism.
2. Runtime Polymorphism.

**Exception-** Exception event Occur during the Execution of polymorphism, which terminates the programme.

* Understanding of hierarchy of Exception.
* Types of Exception
* Exception-called Checked Exception and can be recovered.
* Runtime Exception: called Unchecked Exception and cannot be recovered.

Concepts of **DTO, Access Specifiers, class, Data Types, Arrays, Variables, Parameters**, Methods.

**WEB**:

1. HTML-Understand the concepts of Attributes, Tables, Comments, Lists, Tables, Styles,
2. CSS-Cascading Style Sheets ,used to format the layout of a webpage. control the size ,color, spacing between the elements.