RAGHAVENDRA KOWTAL

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EDUCATION

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY   Dharwad, KA
Bachelor of Engineering   Aug 2019 - June 2023
Major in Electronics and Communications;Cumulative GPA: 7.23/10.0;
Relevant Coursework: Web Development, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

KARNATAKA SCIENCE COLLEGE   Dharwad, KA
Pre-University Education

2017 - 2019

WORK EXPERIENCE

Patil Electric Works Pvt Ltd   Armature
Design Intern   Aug 2022 –Sep2022
- Design of Armature according to the customer's requirements (Quality check, Assembly.)
- Manufacturer of armatures, dual speed motors & validate wiring harness in Hubballi.

VIRAL FISSION
Student Ambassador   Jun 2021 – Sep 2021
- Promoted products digitally on Social-media platforms.
- Managed a team of 15-members, Supervision of product promotion on online platforms.

UNIVERSITY PROJECTS

REAL-TIME FOOD ORDERING SYSTEM   Aug 2022 – Mar 2023
- Designed and implemented a food ordering application using HTML, CSS, JavaScript, Node JS, My SQL.
- Rendered 3 interfaces namely Customer, Admin, Restaurant sides.
- Enabled users to order food using Intranet, where 3000+ people can order at same time. LINK- https://tinyurl.com/2jx4tjsc

REACT.JS PORTFOLIO WEBSITE   Jan 2023 – Apr 2023
- Created and rendered a portfolio design that can be used anyone.
- Technologies used: React.JS, HTML, CSS, JavaScript. LINK- https://tinyurl.com/RECTP

REACT.SJ ONLINE EDUCATIONAL WEBSITE   Dec 2022 – Mar 2023
- Engineered and executed an educational website using React JS, JavaScript, HTML, CSS.
- Provided options to choose from 3 courses. LINK- https://tinyurl.com/EDCWB

GESTURE TO SPEECH CONVERSION USING ML   Sep 2022 – Dec 2022
- Built a model using CNN Algorithm by providing 4000 Hand-gesture Data set with an Accuracy of 97%.
- Technologies used: ML, AI, Open-CV, Python, CNN, Tensorflow, Keras. LINK- https://tinyurl.com/HGSRE

FACE RECOGNITION USING MACHINE LEARNING   Sep 2021 – Dec 2021
- Built a model using Haar Cascade Algorithm by providing 5000 face-images Data-set with an Accuracy of 95%.
- Trained the model using data-set of 5000 images.

ACTIVITIES

PUBLISHING
Published a paper entitled "Real-Time Intranet Based Food Ordering System" in World Journal of Advanced Research and Reviews. Paper link-"https://wjarr.com/content/development-novel-real-time-intranet-based-food-ordering-system".

ADDITIONAL

Programming Languages: HTML, CSS, JavaScript, Python.
Frameworks: React JS, Material –UI, Bootstrap, Node.JS, Tailwind CSS.
Developer Tools: VS Code, PyCharm, IntelliJ.
Certifications & Training: Programming Concepts with 'C'(ISCT-2019), MERN Stack Web Application Development (2023).
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NAME- RAGHAVENDRA KOWTAL

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BATCH- A2 (2 – 4pm)

TOPIC-WRAPPER CLASSES IN JAVA

In Java, wrapper classes are used to convert primitive data types into objects and provide a way to access the functionalities of those primitive types through methods. Java provides a set of predefined wrapper classes for each of the primitive data types. Here's everything you need to know about wrapper classes in Java:

1. JAVA WRAPPER CLASSES:

Java has eight primitive data types:

byte

short

int

long

float

double

char

boolean

For each of these primitive data types, Java provides a corresponding wrapper class:

Byte

Short

Integer

Long

Float

Double

Character

Boolean

2. PURPOSE OF WRAPPER CLASSES:

Wrapper classes serve several purposes in Java:

Object-Oriented: Java is an object-oriented language, and some operations require objects. Wrapper classes allow you to work with primitive data types as objects.

Collection Framework: Many Java collection classes (like ArrayList and HashMap) work with objects. Using wrapper classes, you can store primitive types in these collections.

Generics: Generics in Java only work with objects. By using wrapper classes, you can use primitive data types as type parameters in generics.

APIs and Libraries: Many APIs and libraries require objects. Wrapper classes enable you to pass primitive types to such APIs.

Null Values: Wrapper classes can represent null values, while primitive types cannot.

3. CREATING WRAPPER OBJECTS:

You can create a wrapper object by using constructors or static methods provided by the wrapper classes. For example, to create an Integer object:

java

Copy code

Integer myInteger = new Integer(42); // Using constructor

Integer myAnotherInteger = Integer.valueOf(42); // Using valueOf method

4. Autoboxing and Unboxing:

Java introduced autoboxing and unboxing to simplify the process of converting between primitive types and their corresponding wrapper objects:

Java

Integer wrappedInt = 10;

int unwrappedInt = wrappedInt;

5. WRAPPER CLASS METHODS:

Wrapper classes provide methods to perform various operations on their wrapped values. For example, the Integer class provides methods like intValue(), compareTo(), and parseInt(), among others.

6. EXAMPLE:

java

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```java
public class WrapperExample {

    public static void main(String[] args) {

        Integer num1 = Integer.valueOf(10);

        Integer num2 = 20; // Autoboxing

        int sum = num1.intValue() + num2; // Unboxing

        System.out.println("Sum: " + sum);

    }

}
```