PAVITHRA P SHETTY

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📍 Mangalore

About Me

I am an enthusiastic learner and user of technology, who enjoys applying my knowledge towards solving real world problems while working in groups and independently. I am committed to working hard to meet any challenges that may lie ahead.

Skills

Programming Languages:
- C
- C++
- Java
- Python
- PHP

Web Designing:
- HTML
- CSS
- JavaScript

Database:
- MySQL
- Oracle

Education Background

- NMAM Institute of Technology, Nitte
  Master of Computer Application
  8.54
  2023
- SDM College of Business Management, Mangalore
  Bachelor of Computer Application
  86.30%
  2021
- NSAM PU College, Nanthur
  Pre University College
  85.16%
  2018
- Sri Ramakrishna High School
  SSLC
  93.76
  2016

Academic Projects Undertaken

ScrapNet
Team size: 1 (Individual)
Front End: HTML, CSS, JQUERY
Back End: MySQL, PHP
Project description: ScrapNet is a innovative online scrap management system. It is an web based application which connects the users and scrap shops together. This web application also allows the user to sell and buy upcycled products and encourages people to make best use of wastes.

Text Summarization in Android
Team size: 3 (group)
Programming Language: Java
Platform: Android Studio
Project description: Text summarization is a valuable tool for quickly and effectively condensing large amounts of text data into more manageable summaries. We make use of TextRank algorithm that uses graph-based ranking to determine the most important sentences in a text.

Jewel Detection in Yakshagana Images using Machine Learning
Team size: 2 (group)
Programming Language: Python
Model: YoloV4 tiny
Dataset: Custom Yakshagana dataset
Project description: Yakshagana is a theatre style that combines varieties of make-up styles and dressing styles depending on the type of character or role that is to be played on the stage. This machine learning model is used to identify different types of jewels used by the artists. It also recognizes two different make-up patters i.e. Vaishnava and Shaiva.

Achievements

- Secured first prize in IT debate competition conducted by SDM College.
- Won prizes in drawing competitions and collage making competitions.

Certifications and Internships

- Internship on "Image Processing" conducted by NITK STEP and PANTECH E LEARNING.
- Published a paper entitled "Crown detection in Yakshagana images using SSD" in IRJMETS, Volume 05, Issue 05, May 2023 (DOI : https://www.doi.org/10.56726/IRJMETS40617).
- "Blockchain Basics" - an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera.
- Internship on "Web Development" conducted by Hash infotech.