KUSHANK BUDIDA

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Education

GMR Institute of Technology, Vizianagaram **2020 - 2024**
Bachelor's of Technology in Information Technology *8.42/10 CGPA*

Work Experience

Teckybot **Nov 2023 – Feb 2024**
Python Developer Intern *Onsite*

- Developed Machine Learning and Deep Learning projects.
- Utilized HTML, CSS, and JavaScript for UI development, and Flask Framework for integrating models with the front-end**.**
- Specialized in the OpenCV domain. .
- Created games using OpenCV that employ body gestures for control.

Projects

Picture Enhancer: **Source Code**

- Spearheaded a project focused on elevating image quality through ESRGAN (Enhanced Super-Resolution Generative Adversarial Network), employing a deep learning methodology renowned for its effectiveness in image super resolution.
- Engineered the user interface and seamlessly integrated the deep learning model utilizing Flask Framework for optimal functionality. .

Artificial Neural Style Transfer: **Source Code**

- Utilizing deep learning, image transfer style is an intriguing method merging the content of one image with the artistic style of another. Deep neural networks capture the essence of the content image while applying diverse patterns and textures from the style image. This technique seamlessly combines content and style, resulting in visually captivating images.
- Utilized HTML, CSS, and JavaScript for crafting user interfaces, while leveraging the Flask Framework to seamlessly integrate models with the front-end

Multi Player Game Using OpenCV: **Source Code**

- Developed a real-time Rock-Paper-Scissors game using Python, OpenCV, and CVZone, allowing users to play with hand gestures. Integrated hand detection and recognition features to interpret player moves accurately. Implemented a scoring system to determine the winner based on gesture combinations, enhancing user engagement. Designed with dual-camera support for an immersive gaming experience.
- **Technology** used: **Figma** for UI, **OpenCV** .

Text Summarizer : **Source Code**

- Implemented a Flask web application for text summarization utilizing the Hugging Face Transformers library. Utilized a pre-trained summarization pipeline to generate concise summaries from input text. Integrated with HTML templates to provide a user-friendly interface for inputting text and displaying the generated summaries. Deployed on a local server for testing and debugging purposes.
- **Technology** Used: **HTML, CSS** for UI, **Flask**, **NLP** .

Technical Skills

Languages: Python, Java, C
Backend: Django, Flask, PHP
Frontend: HTML, CSS, Bootstrap
Databases: MySQL
AI-ML: Machine Learning, Deep Learning.
Developer Tools: VS Code, GitHub, Git, OpenCV

Certifications

Java Full Stack *Wipro*

Artificial Intelligence Foundation *Wipro*

Introduction to Programming Using Python *Microsoft*

Achievements

- Successfully qualified in the TCS NQT Exam with a percentile score of **81.09**
- Solved **400+** problems on Leetcode and **550+** problems overall on all coding platforms.
- Secured **3rd** Place in CodeMania Coding Contest .