

PARAG TONPE

☎ +91 7057200761

@ tonpe.parag1@gmail.com

🌐 www.linkedin.com/in/parag-tonpe-67bbb6229/ 🌐 github.com/CI0ud-9

📍 Pune, Maharashtra

EDUCATION

BTech (Artificial Intelligence & Data Science)

Vishwakarma Institute Of Information Technology

📅 2021 - Present

CGPA

8.89 / 10

Higher School Certificate (HSC)

Hutchings High School & Junior College

📅 2021

Percentage

87.2 / 100

Secondary School Certificate (SSC)

Rosary School

📅 2019

Percentage

87.3 / 100

EXPERIENCE

AISA : Senior Technical Member

📅 02/2023 - 07/2023

Rotract Club of VIIT : Social Activity Coordinator

📅 08/2022 - 06/2023

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, SQL

Frameworks: Tkinter, OpenCV

ML-Frameworks: Scikit-learn, TensorFlow

Front-end: HTML,CSS,JavaScript, React, Angular

Back-end: Node.js, Express

Soft Skills: Problem Solving, Leadership, Communication, Creative Thinking, Team Work

PROJECTS

SignLangAI - Sign Language Recognition with LSTM (Python)

Collaborated with a three-member team to curate the dataset and develop LSTM-based components of the model.

- Significantly contributed to the development of the model, with a focus on implementing and refining LSTM components.
- The model incorporates cutting-edge technologies, including computer vision and neural networks, to achieve real-time recognition and translation of sign language gestures into text and speech.
- By leveraging the power of artificial intelligence, the primary aim is to offer a valuable communication tool for individuals with speech impairments, enhancing their ability to connect with the wider community. This initiative is designed to foster greater understanding and connectivity for those with speech impairments.

WeatherCast - Weather Prediction Model with Ridge Regression (Python, Scikit-learn)

Successfully developed a weather prediction model using Ridge Regression.

- Developed and implemented a weather prediction model using Ridge Regression, showcasing advanced statistical modeling skills.
- Employed Ridge Regression techniques to enhance model accuracy and robustness, demonstrating expertise in mathematical optimization for effective feature selection.
- Contributed to data analysis and machine learning, resulting in the creation of a reliable tool for accurate weather forecasting.

BookNest - Book Website Development with MERN Stack

Implemented robust authentication mechanisms to ensure secure and seamless user interactions.

- Spearheaded the development of a book website employing the MERN (MongoDB, Express.js, React, Node.js) stack, ensuring flawless integration and optimal performance.
- Utilized React, Node.js, and MongoDB to introduce interactive features, implement user authentication, and enable dynamic content delivery, ultimately enhancing the overall user experience.

EXTRA ACTIVITIES

Prayatna coordinator

NSS

Volunteered as a coordinator for the Prayatna initiative, which promoted and aided in the welfare of deaf, dumb, and blind children.