

PARAG TONPE

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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

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

C C++ PYTHON JAVA SQL PowerBI AZURE CLOUD

WEB DEVELOPMENT

HTML CSS JAVASCRIPT REACT NODE.js ANGULAR EXPRESS

SOFT SKILLS

PROBLEM SOLVING LEADERSHIP COMMUNICATION

EXTRA ACTIVITIES

CODING PLATFORM ACHIEVEMENT

PROBLEM SOLVING MILESTONE

SUCCESSFULLY TACKLED 100+ PROBLEMS ACROSS VARIOUS

CODING PLATFORMS LIKE HACKERRANK, LEETCODE AND

GEEKFORGEEKS

PROJECTS

SIGN LANGUAGE RECOGNITION USING DEEP LEARNING

09/2023 - Present

Collaborated with a three-member team.

- Contributed significantly to the development of the app, focusing on the LSTM and RNN aspects. 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
- The app 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

WEATHER PREDICTION MODEL WITH RIDGE REGRESSION

11/2023

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.

BOOK WEBSITE DEVELOPMENT USING MERN STACK

05/2023

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 Angular, React, Node.js, and MongoDB to introduce interactive features, implement user authentication, and enable dynamic content delivery, ultimately enhancing the overall user experience.