PRANITAA A

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EDUCATION

COIMBATORE INSTITUTE OF TECHNOLOGY   **Coimbatore**
MSc., Data Science (5 years Integrated)   Jul 2019 - Jun 2024
CGPA - 8.59 / 10

WORK EXPERIENCE

Saint - Gobain Research India Private Limited   **Chennai**
Data Analyst Intern   Mar 2022 – Jun 2023

- Applied advanced data cleaning and standardization techniques to transform unstructured data into structured format.
- During my internship, I successfully completed an OCR (Optical Character Recognition) project. This involved developing robust system that could accurately extract and recognize text from various types of images and documents.
- As part of the project, we developed a robust web application tailored to meet the needs of the client from coding to deployment. Using Power BI, dashboards for Import-Export analysis were created, providing the organisation with a better knowledge of the data.

Tools Used : Python , Power BI.

ACADEMIC PROJECTS

HELMET DETECTION AND NUMBER PLATE RECOGNITION
- Objects moving on the roadway are classified as motorcyclists or non-motorcyclists by the system. For a classified motorcyclist, the head portion is categorized as helmet or non-helmet. It is then determined who is riding without a helmet.
- Image Processing techniques such as Mean Subtraction, Scaling, Channel Swapping are performed to separate the objects from background.

PLACEMENT PERFORMANCE ANALYSIS
- The analysis aims to assess how successful the university is at placing its graduates into relevant employment opportunities.
- Dashboard was built using the RShiny tool to create interactive plots which helps both the universities and students to achieve better results.

AREAS OF INTEREST

- Machine Learning
- Statistical Analysis
- Business Analytics

ADDITIONAL

TECHNICAL SKILLS - Python, C++, Image Processing, SQL, Machine Learning, Natural Language Processing , Power BI, Microsoft Office.
CERTIFICATION - Python Introduction to Data Science and Machine Learning A-Z, Data Visualization using tableau.

CO-CURRICULAR ACTIVITIES

KALAM KNOWLEDGE CLUB - Podcast Host   Nov 2020 - Nov 2021
As a Podcast Host, I have leveraged my expertise in data science to create engaging and informative content for my audience. Hosted multiple podcasts during special occasions like Mother's day, Children's day.

ENTREPRENUERSHIP DEVELOPMENT CELL - Event Manager   Jun 2021 - Feb 2022
Organized an event ABC (Acquire Built and Capitalize) the Billionaire Board to experience the practical business world among the students.

INTERNSHIP COORDINATOR   Nov 2021 - Dec 2022
As an Internship coordinator played a role in facilitating and managing the internship program, ensuring a smooth experience for both the interns and the host organization.