Dhruv Sharma

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EDUCATION

B.Tech in Computer Science, SRM IST, Chennai (GPA: 8.41) Chennai, India

PROJECTS

Data Extraction From Structured and Unstructured documents
- Using Large Language Model and RAG
- Using OCR tools like teseract & pedal OCR
- Exploring Different Python libraries for Data extraction

Railway Ticketing Project - Website
- Designed a user-friendly railway ticketing application that streamlined the ticket booking process.
- Users could check train schedules, book tickets, and access e-tickets seamlessly.
- The project aimed to provide a convenient and efficient platform for travelers to plan and manage their railway journeys, enhancing the overall travel experience.
- Online Platform to book tickets and cancel
- Status Check, Cancellation policy and more were added
- Developed Using HTML, CSS and JS

Weather Application - Web Development
- Developed a user-friendly weather application that delivered real-time forecasts, current conditions, and weather alerts.
- Users could personalize settings, access historical data, and view interactive maps.
  The project aimed to provide a comprehensive, reliable, and visually appealing weather tool for informed decisionmaking
- Showing details about Weather
- Used HTML, CSS and JS

Student Academic Performance Prediction
- Developed a robust Student Performance Prediction Model using advanced machine learning techniques to analyze diverse educational data and predict students' academic outcomes

EXPERIENCE

Web Developer

Bajaj Allianz General Insurance   May'24-Present
- Working on development of modules in pet insurance and agriNXT platform.
- Developed a loader for inserting NCIP data.
- Added new validations in the pet insurance modules.
- Helped with the calls of pet insurance.

Data Analyst

Semantic Technologies and Agritech Services   Dec'23 - May'24
- Gained hands-on experience with real-time data analysis, GIS mapping, satellite/drone imagery, and advanced technologies for crop health monitoring, yield estimation, and crop loss assessment.
- Used Power BI and Python to analyze large datasets, enabling smart sampling and digital crop cutting experiments, which can be applied to product management for data-informed strategic decisions.

VOLUNTEERING

Hemkunt Foundation
Hamari Pehechan N.G.O

CERTIFICATIONS

RS and GIS applications in Atmospheric and Oceanic Hazards
Indian Institute of Remote Sensing, Dehradun
Machine Learning
Coursera
Node JS & React JS Workshop
SRM IST

SKILLS

Programming Languages : Python, C++
Web Development : Cascading Style Sheets (CSS), HTML, JavaScript
Data Analysis : Power BI , SQL