Dhruv Sharma

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EDUCATION

B.Tech in Computer Science, SRM IST, Chennai

GPA: 8.41 | Chennai, India

EXPERIENCE

UNDP (United Nations Development Programme) | *Developer intern* | **Jan 2026 – Present**

- Collaborated on the **Pradhan Mantri Fasal Bima Yojana (PMFBY)** scheme under the United Nations Development Programme to enhance farmer welfare.
- Worked with the government scheme for the welfare of farmers through data-driven initiatives.

WEBozINDIA Solutions LLP | *Data Analyst* | **Dec 2024 – Jan 2026**

- Managed data extraction, transformation, and loading (ETL) processes to maintain data integrity across systems.
- Prepared detailed reports summarizing findings from data analyses, highlighting key recommendations for strategic planning.
- Analyzed large datasets to identify trends, anomalies, and opportunities for business improvements.
- Designed and implemented dashboards and reports to visualize data for easy interpretation by non-technical users.

Bajaj Allianz General Insurance | *Web Developer* | **May 2024 – Dec 2024**

- Developed modules for pet insurance and the **agriNXT** platform.
- Managed back-end services and database integration, ensuring seamless data flow and storage solutions.

Semantic Technologies and Agritech Services | *Data Analyst* | **Dec 2023 – May 2024**

- Managed ETL processes and prepared detailed reports summarizing findings from data analyses to support strategic planning.
- Automated data validation checks to ensure high accuracy in reporting for agricultural outreach programs.
- Collaborated with cross-functional teams to identify data trends that informed localized service improvements for farmers.

PROJECTS

Data Extraction from Structured and Unstructured Documents

- Developed a system using **Large Language Models (LLM)** and **RAG** for automated data extraction.
- Utilized OCR tools including **Tesseract** and **Pedal OCR**.
- Explored various Python libraries to optimize the extraction of data from complex documents.

Railway Ticketing Project

- Designed a user-friendly application to streamline ticket booking, schedule checks, and e-ticket access.
- Implemented features for status checks, cancellation policies, and automated booking updates.
- Developed the front-end and logic using **HTML, CSS, and JavaScript**.

Weather Application

- Developed a web application delivering real-time forecasts, current conditions, and weather alerts.
- Integrated personalized settings, historical data access, and interactive maps using **HTML, CSS, and JS**.

Student Academic Performance Prediction

- Developed a robust prediction model using machine learning techniques to analyze educational data and predict outcomes.

TECHNICAL SKILLS

- **Data Visualization:** Power BI, Tableau, Excel (Pivot Tables, VLOOKUP, Macros), Data Storytelling.
- **Analysis & Tools:** Python, Power Query, Data Cleaning, SQL Database Management.
- **Development:** HTML, CSS, JavaScript, Node JS, React JS.
- **Professional:** Business Reporting, Research Papers, Team Collaboration, Problem Solving.

CERTIFICATIONS

- **RS and GIS Applications:** Indian Institute of Remote Sensing (IIRS), Dehradun.
- **Machine Learning:** Coursera.
- **Node JS & React JS Workshop:** SRM IST.