SHRAVANI

Data Science Student

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Summary

Data science student with experience in **predictive modeling**, **data analysis**, and **analyzing business processes**. Skilled at translating complex data into actionable insights, developing machine learning models, and supporting business process improvements through internships and academic projects.

Education

Undergraduate: (Sept 2022 – July 2026)

Bachelor of Technology in Data Science and Engineering | *Manipal Institute of Technology, Manipal*

Current **CGPA**: 8.14

Intermediate: (March 2021 – March 2022)

Amity International School, Mayur Vihar, Delhi.

Score: 95%

Technical Skills

- **Programming**: Python, C++, Object-Oriented Programming, Parallel Programming.
- **Data Science**: Machine Learning, Deep Learning, Data Analysis, Statistical Analysis, Data Visualization
- **Tools**: PowerBI, Microsoft Office, Google Keyword Planner, Jupyter Notebook.
- **Database Management**: Oracle SQL, MongoDB.
- **SAP:** (FI/CO), Project System (PS), SAP Enable Now

Languages

English, Hindi

Extracurricular Activities

- **Actuarial Common Entrance Test (ACET)**: Cleared the entrance exam and became a student member of the Institute of Actuaries of India (IAI).
- **University of Cambridge (FCE Certification)**: Certified for proficiency in English at the FCE level.
- **National Service Scheme (NSS)**: Actively volunteered, contributing to community outreach programs at the college.

Work Experience

SLB, Coimbatore Jun 2025 – Jan 2026 (ongoing)

Associate Business Process Analyst Intern

- Supported new **SAP releases** in the **Record-to-Report (Finance)** domain with hands-on experience in **SAP Financial Accounting and Controlling (FI/CO)** and **Project System (PS)** modules.
- Collaborated with cross-functional teams and managed global stakeholders to deliver requirements, focusing on **Project Accounting** processes.
- Led **User Engagement Project** within the Change Management team, creating **SAP Enable Now** training on topics such as Intercompany Accounts Receivable/Payable and Return Order Reconciliation, using storytelling and gamification to reduce support incidents
- Drove a **continuous improvement project**, automating knowledge article creation on a ServiceNow-hosted application, improving efficiency by **85%**.

Mamsys.com, Noida Jun 2024 - Jul 2024

Digital Analytics Intern

- Conducted search behavior analysis and developed a data-driven keyword strategy to enhance visibility among senior decision-makers, including CXOs and VPs.
- Built interactive **Power BI dashboards** to track key performance indicators and present insights on content performance and search trends, simplifying strategic decision making for senior leadership.

EaseMyTrip.com, Noida Dec 2023 - Dec 2023

Data Science Intern

- Developed a machine learning model to predict train ticket status with a **12**% accuracy boost, leveraging advanced feature selection and data preprocessing.
- Performed exploratory data analysis to reveal booking trends and delivered insights to support informed operational decisions.

Projects

Election Result Predictor Using Twitter Data

Developed a political sentiment analysis model using **Bidirectional LSTM** to classify tweets as positive or negative, predicting public sentiment towards political parties.

Technologies Used: Kera's, TensorFlow, Matplotlib

- **Achieved 96% accuracy** in sentiment classification for tweets related to different political parties, demonstrating high model performance.
- Delivered actionable insights by analyzing the sentiment trends for BJP
- and Congress, predicting a closer electoral contest in the 2019 Indian general elections based on Twitter data.

Handwriting-Based Parkinson's Detection

Developed a machine learning model for **Parkinson's disease detection** by classifying spiral and wave drawings, a method that cannot be diagnosed through conventional medical tests.

Technologies Used: Python, scikit-learn, OpenCV, Matplotlib

- Achieved accuracy of 80% using the K-Nearest Neighbors (KNN) classifier for classifying drawing patterns.
- Improved performance with a Voting Classifier, reaching 83% accuracy by combining multiple model predictions.