

Navya Jain

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Education

B. Tech. AI and Data Science

August 2023 – May 2027

Shiv Nadar University, Chennai

CGPA: 8.6

Key Courses: Design and Analysis of Algorithms, Data Structures and Algorithms, Foundations in Data Science, Exploratory Data Analysis, Artificial Intelligence, Machine Learning Techniques, Object Oriented Programming, Operating Systems, Computer Organization and Architecture




Class XII - CBSE

Percentage: 93.6%

Spring Days School, Vellore

Achievements: Best Outgoing Student

Projects

- **Goodreads Book Review Sentiment Analysis and Recommendation System** 
 - Engineered a sentiment analysis pipeline using NLP techniques to generate personalized recommendations and predict reader sentiment.
 - Skills: Web scraping, sentiment analysis, custom lexicons, model optimization.
- **British Airways Reviews: Web Scraping and Sentiment Analysis** 
 - Web scraped airline reviews from Skytrax and conducted sentiment analysis for actionable insights.
 - Skills: BeautifulSoup, pandas, NLTK, Scikit-learn.
- **Extracting MFCC Features from UrbanSound8k and Classification** 
 - Extracted MFCC features from audio and built classification models using SVM, KNN, and Neural Networks.
 - Skills: Librosa, TensorFlow, Scikit-learn, audio processing.

Skills

- **Programming Languages:** Python, SQL, Java, C, C++
- **Machine Learning & Data Science:** Supervised & Unsupervised Learning, PCA, NLP, Time Series, Recommender Systems
- **Frameworks/Libraries:** Scikit-Learn, TensorFlow, Keras, PyTorch, NLTK, Librosa, Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup
- **Technical Skills:** Data Preprocessing, Feature Engineering, Cross-validation, Grid Search, Visualization (Tableau, Plotly), TF-IDF, Word2Vec

Achievements and Honors

- **Winner - Solvathon '25:** Built **MedGenie AI**, a multilingual medical chatbot preserving cultural context.

Leadership and Volunteering

- **Head - Samatva:** Government-mandated Gender Equality Club, Shiv Nadar University
- **Deputy Head - Voice Out,** Communications Club, Shiv Nadar University
- **Senior Core - ELC,** English Literary Club, Shiv Nadar University
- **MC - Master of Cermonies** Team member for 80% of the major University Events last academic year.