DHRUMI VYAS

+919558099245 ⬦ dhrumivyas20705@gmail.com
LinkedIn : linkedin.com/in/dhrumi-vyas/
Github : github.com/Dhrumivyas20

EDUCATION

JG University, Ahmedabad   *2024 - Present*
B.Tech in Computer Science   SGPA: 8.1

Indian Institute of Technology, Madras   *2024 - Present*
BS in Data Science and Application (Hybrid)   Overall CGPA: 8.45

SKILLS

Programming Fundamentals : C, C++, Python, Git/GitHub
Libraries : Pandas, NumPy, scikit-learn, TensorFlow, Flask
Data Structure and Algorithms, Object Oriented Programming (OOPS),
Machine Learning, Software Engineering, Data Science, Deep Learning
Database management system : MySQL, MongoDB
Full Stack Development : Web Development - HTML, CSS, JavaScript, React, Node.js, Express.js, API

PROJECTS

Stock Price Prediction (Machine Learning — LSTM)
Accomplished stock price forecasting, as measured by accurate prediction of future closing price trends, by building a time-series LSTM model using 5+ years of historical data and multiple technical indicators, covering data collection, feature engineering, model training, and visualization with pandas, NumPy, TensorFlow/Keras, scikit-learn, Plotly, and yfinance.

Medicine Recommendation System (Machine Learning — SVM)
Accomplished disease prediction and personalized health recommendations, as measured by high classification accuracy and reliable symptom-to-disease mapping, by developing an SVM-based model and deploying it through an interactive Flask web application using Python, NumPy, and Pandas, with a focus on usability and responsible handling of health data.

Expense Tracker (Python — Expense Management)
Developed a python Flask application to track expenses and income, manage category-wise budgets, and generate monthly summaries, including CRUD operations, budget alerts, and category-based analysis, showcasing strong problem-solving and system design skills.

Algorithm Visualization Tool (Data Structures Algorithms — Ongoing Project)
Accomplished initial development of an algorithm visualization platform, as measured by successful step-by-step visualization of Bubble Sort, Selection Sort, and Linear Search, by implementing core algorithm logic and a basic Flask-based web interface; currently extending the project to include additional algorithms, improved accuracy, and deeper performance insights.

EXPERIENCE

My Equation   Aug 2025 - Jan 2026
Internship - Technical Content Curation

· Worked in a team of 5–10 members to curate and organize technical content for educational and research purposes.Produced articles, guides, and documentation, ensuring clarity, accuracy, and accessibility.
· Collaborated with teammates to streamline content workflow, strengthen knowledge sharing, and improve overall project quality.