Pulkit Jain

| Senior Year | IIT Jodhpur | ✉ jain.78@iitj.ac.in | ☎ +91-9468656865 | Portfolio

EDUCATION

IIT JODHPUR
B.Tech in Mechanical Eng.
Minor in Management
2021-2025*
CGPA - 7.57 (Till 7th Sem)
SGPA - 9 (7th Sem)

ST. ANSELM'S SR. SEC. SCHOOL
May 2018 | Jaipur,India
X : 95 %

ST. EDMUND'S SR. SEC. SCHOOL
May 2020 | Jaipur,India
XII : 91 %

LINKS

◯:// Pulkit-2002
in:// Pulkit Jain

COURSEWORK

UNDER-GRADUATE
Technology
•Data Structures and Algorithms
•Intro To Machine Learning
•Intro To Computer Science
•Signals and Systems
•Scientific Computations
•Linear Algebra and Calculus
Management
•Product Operations & Management
•Managing Human Capital
MOOC
•Deep Learning
•Probability & Statistics
•Data Science

SKILLS

PROGRAMMING
• SQL • C++ • Python
• HTML • CSS • JavaScript
Familiar:
• C • LaTex • Matlab • React

WEB TOOLS AND UTILITIES
•PowerBI • Tableau • Sci-Kit Learn
•Pandas • Numpy • TenserFlow • Git
•Keras • Sklearn • OpenCV • MongoDB

OTHER SKILLS
• Mathematics • Statistics • Probability
• Deep Learning • Machine Learning
• Data Sciences • Data Analytics • DBMS

EXPERIENCE

PANPALIYA TRADERS
| Internship | Feb 24 - Aug 24 |
• Worked as a full stack web developer for Panpaliya Traders.
• Developed a website and an application as part of the internship.
• Meticulously and enthusiastically completed the project well in time as well as worked, collaborated, and learned many new things in a team.

PROJECTS

PAYMENT APP | ◯
• Developed Payment App for safe and smooth transfer of money.
• Involved several components , including front-end user interface , back-end server , database to store user information and transactions , API to facilitate communication between the front-end and back-end.

AI EMPLOYEE | ◯
• Developed an AI prototype for automated data processing (CSV, JSON, Excel), analysis (regression, clustering, decision trees), and reporting (visualizations, summaries).
• Integrated CLI and NLP for easy, non-technical user interaction. Focused on scalability and performance optimization.

FACIAL EMOTION RECOGNITION | ◯
• Developed a robust emotion detection system that analyzes user input , such as text or voice , to recognize and predict emotions accurately.
• Included data collection , pre-processing, model development , and a web-based user interface for real-time emotion recognition.

DIABETES PREDICTOR | ◯
• Created a reliable tool that assists in early detection and risk assessment for individuals , contributing to proactive healthcare.
• Designed user-friendly interface for real-time health predictions.
• Used machine learning techniques to predict the likelihood of diabetes based on a set of health-related features.

STOCK PRICE PREDICTOR | ◯
• Engineered advanced MLP and LSTM models for precise stock price predictions and to aquaint Neural Networks and ML.
• Proficiently acquired and preprocessed financial data using Python and Pandas.Implemented robust backtesting, utilizing metrics like MSE and MAE for model assessment.

ACHIEVEMENTS

• Among the **top 0.3 percent** scorers of **JEE Advanced**.
• Among the **top 1 percent** scorers of **JEE Mains**.
• Among the **top 0.5 percent** scorers of **12th Board Examinations**.
• **All India Top Scorer and Ranker** of **SDE** Exam by CloudxLabs.
• **All India Top Scorer and Ranker** of **Data Analyst** Exam by CloudxLabs.
• **All India Top Scorer and Ranker** of **Data Engineering** Exam by CloudxLabs.
• **SDE Certifications** from **JP Morgan and Chase**.
• Designed web pages and websites for Pearl-Lemon and US Based clients.