Pulkit Jain

Mechanical Engineering | Junior Year | IIT Jodhpur
jain.78@iitj.ac.in | +91-9468656865 | Portfolio

EDUCATION

IIT JODHPUR
B.Tech in Mechanical Eng.
Minor in Management
2021-2025*
SGPA - 8.81 (5th Sem)
CGPA - 7.35 (Till 6th Sem)

ST. EDMUND'S SR. SEC. SCHOOL
Grad. April 2020 | Jaipur,India
XII : 90.6 percent

ST. ANSELM'S SR. SEC. SCHOOL
Grad. April 2018 | Jaipur,India
X : 94.6 percent

LINKS

GeeksForGeeks://**jain.78**
Github:// **Pulkit-2002**
LinkedIn:// **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 and Management
•Operations Management
•Managing Human Capital

SKILLS

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

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

OTHERSKILLS
•Mathematics •Statistics •Probability
• Data Sciences • Machine Learning
• Deep Learning • BlockChain

EXPERIENCE

PANPALIYA TRADERS
| Internship | May 25 - Aug 25 |

- Worked as a full stack web developer for Panpaliya Traders.
- Developed a website as well as application as part of the internship.
- Meticulously and enthusiastically completed the project well withing time as well as worked,collaborated and learned many new things in a team.

PROJECTS

STOCK PRICE PREDICTOR
| Machine Learning | Self Project | GitLink

- 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.

PAYMENT APP
| Web Development | Self Project | GitLink

- 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.

FACIAL EMOTION RECOGNITION
| Machine Learning | Self Project | GitLink

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

DIABETES PREDICTOR
| Machine Learning | Self Project | GitLink

- 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.

ACHIEVEMENTS

- Successfully qualified JEE Advanced with top 4 percent scorers.
- Amongst the top 0.3 percent scorers of Jee Advanced Examinations.
- Successfully qualified JEE Mains with 99+ percentile
- Amongst the top 0.5 percent scorers of 12th Board Examinations.
- Represented St. Anselms School in various Quiz and Academic competitions across Jaipur
- Active quizzer and participated in many institute wide quizzes