

Pulkit Jain

Mechanical Engineering | Junior Year | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN MECHANICAL ENG.
MINOR IN MANAGEMENT
2021-2025*
SGPA - 8.81 (5TH 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
LeetCode://xyz_5678
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 • TensorFlow • Git
- Keras • Sklearn • OpenCV • MongoDB

OTHERSKILLS

- Mathematics • Statistics • Probability
- Data Sciences • Machine Learning
- Deep Learning • Blockchain

PROJECTS

STOCK PRICE PREDICTOR

| MACHINE LEARNING | SELF PROJECT | [GITLINK](#)

- Engineered advanced MLP and LSTM models for precise stock price predictions and to acquaint 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.

BLOG PLATFORM

| WEB DEVELOPMENT | SELF PROJECT | [GITLINK](#)

- Created a blog-making web application with user authentication, article management, and commenting functionality.
- Utilised MERN stack (MongoDB, Express.js, React, Node.js), providing full-stack solution for creating, reading, interacting with blog content.

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.
- 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

ACTIVITIES

- Active quizzier and participated in many institute wide quizzes
- Volunteer Work in Fests (Prometeo, Youth Conclave, Ignus) at IIT Jodhpur
- Member of Robotics Society at IIT Jodhpur