

# 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 • TensorFlow • Git
- Keras • Sklearn • OpenCV • MongoDB

### OTHER SKILLS

- Mathematics • Statistics • Probability
- Deep Learning • Machine Learning
- Data Sciences • Data Analytics • DBMS

## EXPERIENCE

### ALTRUISM

| AI ENGINEER | MAY 24 - JUNE 24 |

- Developed NLP algorithm and optimized ML model to extract insights and improve system performance.
- Built a prototype AI for automated data analysis and reporting to support client needs.
- Collaborated on integrating AI technologies into products, enhancing customer-facing features.

### PURELYTICS

| DATA ANALYST | JUNE 24 - AUG 24 |

- Cleaned and standardized datasets, performed EDA, and created visualizations to uncover insights.
- Identified key regions for business expansion to boost sales and profitability.
- Presented findings to leadership, influencing data-driven strategy decisions.
- Analyzed data to recommend optimal locations for business expansion by identifying high-potential states and cities, aiming to maximize profitability.

## PROJECTS

### STOCK PRICE PREDICTOR | 🌐

- 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.

### 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.

## ACHIEVEMENTS

- Among the **top 0.3 percent** scorers of **JEE Advanced**.
- Among the **top 0.5 percent** scorers of **12th Board Examinations**.
- **All India Top scorer** of **Data Analyst** Exam by CloudxLabs.
- **All India Top scorer** of **Data Engineering** Exam by CloudxLabs.