

Shreejan Kumar

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EDUCATION

IIT JODHPUR

B.TECH IN ELECTRICAL ENGINEERING
Expected 2025 | Jodhpur, India
CGPA: 7.36/10 (uptill 4th Semester)

RYAN INTERNATIONAL SCHOOL

CLASS 12 | CBSE
May 2021 | Mumbai, India
Percentage: 93%

RYAN INTERNATIONAL SCHOOL

CLASS 10 | ICSE
May 2019 | Mumbai, India
Percentage: 96%

COURSEWORK

UNDERGRADUATE

Probability Statistics and Stochastic Process
Linear Algebra and Differential Equations
Data Structures and Algorithms
Pattern Recognition and Machine Learning

SKILLS

PROGRAMMING

Java • Python • C
C++ • JavaScript

WEB DEVELOPMENT

HTML • CSS • Bootstrap
TailwindCSS • React.JS • SQL

MACHINE LEARNING

Scikit-learn • Pandas • Mlxtend • Scipy
Numpy • Pytorch • Neural Networks
Matplotlib • Keras • OpenCV
Natural Language Processing(NLP)

CORE SKILLS

Git • Github • Figma
Ms-Word • Excel • PowerPoint
MATLAB • Notion • Unity3D
Latex • Tableau

KEY ACHIEVEMENTS

- **TOP 3** percentile in JEE Mains 2021
- **TOP 1** percentile in JEE ADV. 2021
- Cleared **PRMO**
- Branch Change

EXPERIENCE

DEEP LEARNING RESEARCH INTERN | BOLTZMANN LABS

May 2023 - July 2023 | Remote | LOR

- Contributed significantly to multiple case studies, positioning the company as one of the top 10 AI startups advancing drug discovery by StartUs Insights.
- Worked with various Large Language models (LLM's) like Alphafold2, YuzulSM, ProtBert and ESM2 by Meta
- Developed various QSAR property models using machine learning and deep learning for enzyme and protein interaction analysis

QUANT ANALYST INTERN | KNIGHTSTONE CAPITALS

June 2023 - August 2023 | Remote |

- Devised and implemented diverse trading strategies, leveraging key market indices such as Momentum, ATR, RSI, SMA, and others.
- Conducted rigorous testing and optimization of these strategies to ensure their effectiveness and profitability in the financial markets.

PROJECTS

CREDIT CARD FRAUD DETECTION | MINOR PROJECT

AY 2022-2023 | Jodhpur, India | Github Link

- Trained multiple machine learning models and used a combination of them to predict Fraudulent transactions in a highly imbalanced dataset.
- Used many Techniques such as Oversampling, Undersampling, Dimensionality Reduction and achieved an Accuracy of 100% with an F1-Score of 96%

COVID-19 CHEST X-RAY CLASSIFICATION | MAJOR PROJECT

AY 2022-2023 | Jodhpur, India | Github Link

- Developed and trained models on chest X-ray datasets to accurately classify COVID-19 patients using Deep Learning.
- Achieved an Accuracy of 95% and a Recall value of 90

SWC WEBSITE | WEB DEVELOPMENT

Ongoing | Jodhpur, India

- Revamping the College's Student Wellbeing Committee's website using React.JS.
- I worked on the Home page and Designed the Pre-loader.

POSITIONS OF RESPONSIBILITY

STUDENT GUIDE | STUDENT WELLBEING COMMITTEE

AY 2021-2022

- Mentored and ensured the wellbeing of 12 first-year students throughout their Academic year
- Organised and successfully executed many events like Gratitude Day for all the students of IIT Jodhpur

ASSISTANT HEAD TECHNICAL EVENTS | PROMETEO

AY 2022-2023

- Ideated and organised Robowars from scratch for the first time ever
- Managed a team of over 70+ volunteers.