

# ONKAR SINGH RAJPUT

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G https://github.com/Onkar2025



## EDUCATION

B.Tech in Bioscience and Bioengineering

IIT Jodhpur

2021 – Present CGPA: 6.47

Intermediate examination U.P. Board

Onkarewar saraswati vidya niketan, Jawaharnagar, Kanpur Nagar

2020 83%

High school Examination U.P. Board

Saraswati Vidya Mandir Hamirpur

2018 81%

## PROJECTS

Transformative AI for Cognitive Text Recognition

Under RAID society IITJ

June 2023 – August 2023

- Deep Learning + Vision transformer architecture
- used CNN and self-attention model for encoding and DETR architecture for decoding.
- Evaluating text from images.

Portfolio website

self learning project

June 2023 – present

- HTML+CSS + javascripts+ jquery + Django + bootstrap
- made self-introductory website.

Detection of early Alzheimer's using MRI data

Self-Learning Project

May 2023 – July 2023

- Machine learning
- Used some useful models for checking performance accuracy
- Used Image data extract feature converts into csv.

Digital Food experience Using AR-VR

Under prof Mitali Mukerji

August 2022 – November 2023

- 3D Modeling of different objects using blender and Unity 3D.
- detection of objects o integrating Camara with designed program

Spam Classification Application

self learning project

November 2022 - December 2022

- Develop a Machine Learning based model and use it to predict and detect Email spam.

## EXPERIENCE

management

Secretary

August 2022 – July 2023 Kabaddi Club IITJ

- Skill used: leadership, Communication.
- Time management.

Hakethon

feb 2023

IIT Jodhpur

- Worked in the real-time problem statement.

## SKILLS



## COURSEWORK

- Data Structures and Algorithms
- Python
- machine learning
- Engineering Mathematics I & II
- probability statistics and stochastic processes
- Signals and system
- Basics of deep learning
- Database Management Systems

## POSITION OF RESPONSIBILITY

- Secretary Kabaddi Club IITJ.
- Assistant Head, Ignus : it is social and cultural fest of IIT Jodhpur
- Assistant Head, Varchas : it is and sport fest of IIT Jodhpur