

# RATNAKAR SHARMA

*The best way to predict the future is to create it.*

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GitHub: <https://github.com/Ratnakar-kaushal>



## ACADEMICDETAILS

- **B.Tech (Computer Science And Engineering)** (2020 - 2024)  
Punjabi University Patiala Patiala  
CGPA: 8.55  
Co-curricular :
  - Workshop Organizer
  - GDSC ML Core
  - Class Representative
- **Senior Secondary (10+2)**  
Government Senior Secondary School, Rampura Phul  
Percentage: 91.55%  
Co-curricular :
  - Head Boy
  - Chess Player

## EXPERIENCE/TRAINING

- **Python With Data Science And Machine Learning** (July 2022 - Aug,2022)  
NIELIT Chandigarh, Chandigarh
- **Data Science** (Jan 2024 - June,2022)  
Sabudh Foundation, Mohali

## PROJECTS

- **Watcha-Pedia : A Movie Recommendation System** (September 2022)  
<https://github.com/Ratnakar-kaushal/Movie-Recommendation-System>  
Created a movie recommendation website which recommends us movies according to our interest.  
Role: Data Analyst and ML Engineer  
Technologies Used: Python, Flask, Machine Learning, HTML etc.
- **Crop Disease Detection** (July 2023)  
<https://github.com/Ratnakar-kaushal/Crop-Disease-Detection>  
This is a website that detects Diseases of plants by scanning an image which user gives to website.  
Technologies Used: Python, Tensorflow, Html, Bootstrap, MongoDB.
- **Object Detection** (June 2024)  
<https://github.com/Ratnakar-kaushal/Object-detection>  
In this project, I have used deep learning model MobileNetSSD\_V1 on various smart devices to detect objects like books, title of book, car, bike, etc.  
Technologies Used: Python, Tensorflow, Deep Learning, Flask.

## TECHNICALSKILLS

- **Languages:** C++, Python
- **Technologies:** Django, Python Libraries(Numpy, Pandas, Tensorflow, etc.), MySQL, AWS, Netlify
- **Concepts:** Machine Learning, Data Science, OOPS, Data Structures and Algorithms, Deep Learning

## INTEREST AND HOBBIES

- Chess
- Writing
- Drawing

## CERTIFICATIONS:

- AWS Glue Certificate
- PCAP Python Certificate from Cisco Networking
- GDSC ML Core Certificate
- AWS Kinesis Analytics and Streams
- Hackathon Position Certificate
- Intermediate ML course on Kaggle