

# Sanjay Chaurasiya

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in linkedin.com/in/sanjaychaurasiya/

k kaggle.com/unstoppablesk/

🏠 leetcode.com/silent-killer/

📄 sanjaychaurasiya.github.io/sanjay.ai/

## Technical Skills:

### Programming Languages:

Python, C++, C, Basic Java

### Data Science:

Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), Computer Vision (CV), Generative Adversarial Network (GAN), AutoEncoder, Transfer Learning, TensorFlow, Scikit-Learn, Transformers, Pandas, NumPy, Matplotlib

### Development Tools and Frameworks:

Django & DRF, Rest API, PostgreSQL, Git & GitHub, Postman, HTML, CSS

### Deployment & Cloud Computing:

AWS Cloud Computing (Basics), Heroku

## Curriculum:

Data Structures, Design & Analysis of Algorithm, Artificial Intelligence, DBMS, Software Engineering, Operating System

## Soft Skills:

Problem Solving, Leadership, Creativity, Communication, Adaptability, Teamwork

## Certifications:

- TensorFlow Developer Certificate in 2023: Zero to Mastery - **Udemy**.
- Deep Learning A-Z™: Hands-On Artificial Neural Networks - **Udemy**.
- Machine Learning A-Z™: Hands-On Python in Data Science - **Udemy**.
- Introduction to Cybersecurity Tools and Cyber Attacks - **IBM**.
- Build REST APIs with Django Rest Framework and Python - **Udemy**.
- Mastering Data Structures and Algorithms using C & C++ - **Udemy**.

## Languages:

English - *Professional Proficiency*

Hindi - *Native Proficiency*

## Education:

Qualification	College/University	Percentage/CGPA	Year
B. Tech in CSE	Madan Mohan Malaviya University of Technology	8.18 (Pursuing)	2024
Senior Secondary	J P Education Academy	86.20	2019
Secondary	J P Education Academy	10	2017

## Work Experiences:

### InvestSathi Financial Services Private Limited:

#### Software Development Intern

Jan 2022 – Feb 2022

- Scrapped data from websites & scheduled the scrapping with scheduler.
- Worked on AWS Cognito for User Authentication & integrated in React.

### Bharat Intern:

#### Machine Learning Intern

10 Aug 2023 – Present

- Developed a ML model to predict house price using linear regression.
- Developed a model to predict different species of flowers on the length of their petals and sepal size.

## Personal Projects:

### English to Hindi Translator:

- Developed a language translation project using RNN and Transformer model architecture.
- Utilized Python, Pandas & TensorFlow library for implementation.
- Translated English to Hindi with a focus on everyday phrases.
- Gained hands-on experience in NLP and model development.

### Tweets Disaster Classification:

- Participated in Kaggle competition for tweet disaster classification.
- Employed pretrained Universal Sentence Encoder for text classification.
- Applied dropout layer and callbacks to mitigate overfitting.
- Achieved an accuracy of 84.98 % in predicting disaster tweets.
- Gained practical experience in NLP and model evaluation.

### Food-101 Image Classification:

- Implemented food classification using TensorFlow & Food-101 dataset.
- Applied data augmentation and callbacks to mitigate overfitting.
- Incorporated mixed-precision training for improved efficiency.
- Utilized pretrained VGG19 model from TensorFlow Hub.
- Achieved 80% accuracy in classifying 101 different food categories.
- Developed practical skills in image classification and transfer learning.

### IMDB Clone REST API:

Oct 2021 - Dec 2021

- **Tools & Framework used** - Django Rest Framework, Postman, GitHub.
- Any user can get the list of movies/shows and a registered user can review any show/movie, which are listed by the admin.
- Admin has permission to add, delete, update any movie/show or Streaming platform, and can change the review of a user if wrong.
- Added JWT Authentication, Throttling, Pagination, Searching, etc.

## Position of Responsibility:

- Web, App and Project Development Executive Member at Developer Student Clubs (DSC MMMUT).

Jan 2021 – May 2022

## Achievements:

- Completed Goldman Sachs Engineering Virtual Program.
- Completed 30 Days of Google Cloud Program 2021 with all the skill badges and received goodies.