

# Gyanendra Singh

<https://www.linkedin.com/in/gyanendra-singh-65a241224/>  
<https://github.com/gyanendra2003>  
[https://gyanendra2003.github.io/Portfolio\\_new](https://gyanendra2003.github.io/Portfolio_new)

Email: [singhgyanendra2003@gmail.com](mailto:singhgyanendra2003@gmail.com)  
Mobile: +91-6393759099

## Education

---

- **Noida Institute of Engineering and Technology** Uttar Pradesh, India  
July 2020 - 2024  
*Bachelor of Technology - Computer Science and Engineering; GPA: 7.88*
- **Dr. S.P. Inter College(UP BOARD)** Uttar Pradesh, India  
2017  
*10<sup>th</sup> Percentage :80%*
- **ACADEMIC HEIGHTS PUBLIC SCHOOL(CBSE)**  
*12th Percentage: 60%*

Uttar Pradesh, India  
2019

## Skills Summary

---

- **Languages:** Python, Java, HTML, CSS, SQL
- **Frameworks:** Scikit, NLTK, TensorFlow, Keras, Flask
- **Tools:** Docker, VS code, Tableau, GIT, MySQL, SQLite
- **Platforms:** Web, Windows, AWS
- **Soft Skills:** Leadership, Event Management, Problem Solving, Public Speaking, Time Management

## Projects

---

- **Stock Market Analysis Using News Headlines (NLP, FLASK, REST API):** Conducted time series analysis using Python and machine learning techniques. Carried out data cleaning, preprocessing, feature engineering, model selection, and prediction. Give the rise or fall in the current day price of stock market.  
Tech used: Python, Scikit-learn, Pandas, NLP and Flask.
- **Sentence Similarity Score Calculator**  
The Sentence Similarity Score Calculator is a tool that assesses the similarity between two sentences, numeric score to quantify their resemblance and relatedness accurately.
- **Email/ Sms Spam Message Detection (ML, NLP, FLASK, REST API):**  
Developed a REST API using Flask that detect and classify the spam mail and message with good precision and accuracy. Built API using Flask and deployed on Heroku platform.  
The initial accuracy and precision is about 87%, 57% but after using another algorithm and preprocessing the accuracy and precision is achieved about 98%, 99% respectively.  
Tech used: Flask, HTML, CSS, REST API, Python, NLP.
- **Movie Recommendation System (Web development, Django, PostgreSQL):**  
Built a system shows all the necessary information about movie and recommends the top 5 movies that are similar with them.  
Features include It shows the full information about the movie with their actors and director who worked in that movie.  
Tech used: Python, HTML, CSS, Rest API, Flask, ML, Deployment.
- **Face Mask Detection with Machine Learning (Python, Machine Learning, Docker):**  
Developed a machine learning model to detect the faces who didn't wear proper mask and with no mask in live video and mark with red boxes.  
Uses Kaggle facemask dataset and achieved the training accuracy about 97.5% and testing accuracy around 91.3%  
Utilized Python, CNN and Scikit-learn for model building, and OpenCv for face detectecton.  
Tech used: Python, Scikit-learn, TensorFlow, CNN, OpenCv.

## Coding Profiles

---

- **CodeChef:** <https://www.codechef.com/users/gyanendra1999>
- **LeetCode:** <https://leetcode.com/GYANENDRA2003/>