

Nikhil Singhal

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RESUME SUMMARY

I am a dedicated developer experienced in Python, NLP, and Machine Learning. Passionate about crafting innovative solutions like NutriRecipe Finder and Sentiment Analysis. Skilled in data analysis, Django, and database management. Seeking opportunities to contribute my expertise in a dynamic work environment.

PERSONAL DETAILS

Current Location Faridabad
Date of birth August 25, 2003
Gender Male

EDUCATION

Graduation B.Tech/B.E. (Computers)
Dronacharya College of Engineering, Gurgaon, Gurgaon with Score 9%
Class XII CBSE
with 88% in 2021
Class X CBSE
with 88% in 2019
Certification Course Getting Started With Artificial Intelligence (March 2025 - Present)
Machine Learning (August 2024 - Present)

INTERSHIPS AND PROJECTS

Internships **Webtization Technology** (Duration June 2024 - August 2024)
-Enhanced a Django-based web application with a robust property search feature. - Developed comprehensive database models for efficient data management. - Contributed to the development of the admin panel for streamlined administration.
Skills used - Python,Python And Django Developer,Django,Postgresql
Projects **NutriRecipe Finder** (Duration March 2025 - March 2025)
- Dataset Size: Processes approximately 5,000 Indian recipes from the dataset. - Ingredient Categories: Filters recipes based on 3 types of ingredient inputs: must-have, acceptable, and excluded. - Nutritional Analysis: Enriches each recipe with detailed nutrition data via Spoonacular's API. - Dietary Options: Supports 3 dietary profiles: Vegetarian, Egg, and Non-Vegetarian. - NLP Embeddings: Utilizes the all-MiniLM-L6-v2 model (384-dimensional embeddings) to analyze and match recipe ingredients. - Advanced Sorting: Offers recipe sorting by preparation time and additional filters such as cuisine and dish type.
Skills used - Python,Data Cleansing,Natural Language Processing,Pandas,Matplotlib,Machine Learning
Sentiment analysis (Duration May 2024 - May 2024)
This project performs sentiment analysis on user reviews using two different approaches: Bag of Words and VADER (Valence Aware Dictionary and Sentiment Reasoner).
Skills used - Python,Scikit-Learn,Natural Language Processing

SKILLS AND ACHIEVEMENTS

Skills SQL,Python,GIT,Github,Ms World,Django Framework,Django Developer,Django Rest API,MySQL Database,Data Analysis,Data analysis,Power BI,Power Bi Dashboards,Pandas,Numpy,Matplotlib,Exploratory Data Analysis,Selenium Webdriver,Web Scraping,Data Cleansing
Language Hindi (Both), English (Both)
Awards & Honor Secured 3rd position among 1700+ teams nationwide at BITS Pilani Postman API Hackathon 3.0 organized by BITS Pilani Postman API and Coding Innovation Lab with the project Taste Tailor - Won 1st place among 200 teams at Web It Up hackathon hosted by Victors Club at Dronacharya College of Engineering with Taste Tailor - Achieved 1st position at the state-level Ideathon organized by Haryana Government with the project Voluntricity - Consistently recognized for innovation, problem-solving and technical excellence across national and state competitions