

VINAY SADHWANI

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[GitHub](#) | [Linkedin](#) | [LeetCode](#) | [GeeksforGeeks](#) | [Portfolio](#)

EDUCATION

Rajiv Gandhi Institute Of Petroleum Technology

Bachelors Information Technology

CGPA: 8.14

Jais ,Amethi

December 2021 - July 2025

City Montessori Inter College

XII,(ISC)

Percentage: 93.84%

Lucknow, Uttar Pradesh

2021

City Montessori Inter College

X,(ICSE)

Percentage: 96.67%

Lucknow, Uttar Pradesh

2019

EXPERIENCE

GeeksforGeeks | Technical Content Writer Intern

Oct 23 - Present

- Published articles on various **Machine Learning** tools and frameworks. | [Link](#)

Tutor | Biology

Aug 2023 - Present

- Teaching Biology to First Year Students.

SKILLS

Programming Languages: Data Structures , Algorithms, JAVA, C++, PYTHON, C, MATLAB, R, HTML, CSS, JAVASCRIPT

Libraries/Frameworks: TensorFlow, Pandas, Pytorch, NumPy, Matplotlib, Keras, SciKit-Learn, SciPy, LightGBM, ReactJs, NodeJs

Tools / Platforms: Neural Networks, LSTM, Support Vector Machines, Gradient Boosting, Random Forest, Decision Trees, Logistic Regression, Linear Regression, Data Science, Data Analytics, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Statistics, Git, GitHub, AUTOCAD, PowerBI, MAYA

Databases: SQL, MongoDB

PROJECTS / OPEN-SOURCE

Twitter Sentiment Analysis | [Link](#)

LSTM, TensorFlow, nltk, re, Python

Utilizing the **TensorFlow** framework, Twitter sentiment analysis system employs **Long Short-Term Memory (LSTM)** networks to process vast amounts of data, effectively extracting sentiment from tweets in real-time. The model was successfully able to classify the tweets into: Positive, Negative and Neutral with an accuracy of 89%

Resume Screener | [Link](#)

NLP, Scikit-learn, nltk, pypdf, Python

Utilized **Natural Language Processing (NLP)** to enhance resume screening efficiency enabling precise analysis of candidate qualifications and skills for optimal candidate selection.

DermAId | Smart Dermatology Diagnostic Assistant | [Link](#)

CNN, TensorFlow, Scikit-learn, Python

Developed an AI-powered tool leveraging **Convolutional Neural Networks (CNN)** to conduct initial diagnoses of dermatological conditions by analyzing skin manifestations, aiding in early detection and providing preliminary insights for medical professionals and patients.

INDO

HTML, ReactJs, Tailwind CSS, php, SQL

Created a web platform by harnessing **React** for frontend development, integrating **PHP** and **SQL** for backend operations. This innovative system efficiently bridges **Movers and Packers** with their customer base, fostering seamless connections and streamlined interactions through a purpose-built website.

SoundScape

Adding realistic audio to **Google Navigation**

Scikit-Learn, Scipy, Numpy, Python

CERTIFICATIONS

- Practical Numerical Methods Using PYTHON - **INDIAN INSTITUTE OF TECHNOLOGY , KANPUR**
- Google Data Analytics Capstone: Complete a Case Study - **Coursera**
- California Institute of Arts: Visual Elements of User Interface Design - **Coursera**
- Python Project for Data Science - **IBM**

HONORS & AWARDS

TOP 2% IN IIT-JEE ADVANCED 2021

Startup Abstract selected at PITCH PREMIER-TechKriti'23 organized by Indian Institute of Technology, Kanpur.

Among the 40 students selected for ACM India Summer School 2023 on Algorithms for Data Science.

Qualified for Amazon ML Summer School 2023.

Selected for AWS AI & ML Scholarship 2023.