

VINAY SADHWANI

Lucknow, Uttar Pradesh, India, 226021 📞 +91-6307915826

✉ vinaysadhwani483@gmail.com [in LinkedIn](#) [on GitHub](#) [on LeetCode](#) [on PortFolio](#)

Education

Rajiv Gandhi Institute of Petroleum Technology

Dec. 2021 – June 2025

*Bachelor of Technology in Information Technology — CPI: 8.34**

Jais, Amethi

Experience

GeeksforGeeks

Jan 2024 – Present

Data Science Freelancer

Remote

- Working on **Articles** related to impact of **Deep Learning** and **AI** as well as new trends in the field of **Data Science**.

Rajiv Gandhi Institute of Petroleum Technology

Jan 2024 – Present

Applied Mathematics Tutor

Jais, Amethi

- Teaching **Applied Mathematics** to first year students.

GeeksforGeeks

Oct 2023 – Jan 2024

Technical Content Writer Intern – Certificate of Completion

Remote

- Authored **Articles** encompassing **Machine Learning** frameworks, libraries, **Data Science** methodologies, in both **Python** and **R** languages.

Projects

OpenGenius | *Transformers, Torch, Numpy, Python*

January 2024

- Developed a GPT-like model using the **Transformers** architecture and trained it on the Open Web Text Corpus.
- Implemented techniques in **Natural Language Processing (NLP)** to achieve high-quality text generation.

SoundScape | *fft, Scipy, Scikit-Learn, Numpy, Python*

November 2023

- Added realistic audio to **Google Navigation**.
- Manipulated audio amplitude and frequency to create immersive spatial experiences.
- Implemented changes in **Audio Dimensions**, resulting in distinct auditory perceptions in each ear when listened to through headphones.

PACKtrack | *HTML, ReactJs, Tailwind CSS, php, SQL*

April 2023

- 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.

Technical Skills

Languages: Python, Java, C/C++, MATLAB, R, Go

Web Technologies and Frameworks: HTML/CSS, JavaScript, React, Next.js, Flask, Django, TypeScript, PHP

Databases: MySQL, MongoDB

App Development: React Native

Version Control: Git, GitHub

Deep Learning Frameworks: TensorFlow, PyTorch, Keras, Chainer, Caffe, DL4J

ML Architectures: CNN, YOLO, BERT, GPT, LSTM, GAN

Tools: Docker, VS Code, Pycharm, Jupyter, Android Studio

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**
- AI Programming with Python – **UDACITY**

Achievements

- Secured an All India Rank of **2041** in GATE Data Science and Artificial Intelligence 2024.
- Successfully completed **Hacktoberfest 2023** by submitting four pull/merge requests.
- Qualified for **Amazon ML Summer School 2023** ,demonstrating proficiency in Machine Learning Algorithms.
- Selected for **AWS AI/ML Scholarship 2023**.
- Top 1.84% in **IIT-JEE ADVANCED 2021**.
- Among the 40 students selected for ACM India Summer School 2023 on **Algorithms for Data Science** from applicants across India.