

ADITYA GUPTA

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Education

Rajiv Gandhi Institute of Petroleum Technology Raebareli, UttarPradesh
Bachelor of Technology in Mathematics and Computing Expected May 2025
Cumulative GPA: 8.21/10 (Pursuing 5th semester)

Atomic Energy Central School No.3, CBSE, 12th: 93% Maharashtra, India Apr, 2021
Atomic Energy Central School No.1, CBSE, 10th: 93.4% Maharashtra, India Apr, 2019

Work Experience

Data Analytics Intern, KashSam Data Solutions Private Ltd May 2023 - July 2023

- Collaborated with an insurance company client as part of a dynamic team at Kashsam.
- Conducted thorough analysis of the insurance company's data to identify trends and patterns.
- Transformed findings into a comprehensive PowerPoint presentation, effectively communicating actionable insights to the client and contributing to strategic decision-making.

Projects

Gate Pass Management System Mar, 2023

- Built a LAMP-based website enabling users to create gate passes and exit the college premises.
- Implemented an email-based permission request system using PHP Mail library.
- Designed a user-friendly interface for convenient gate pass management.

Crop detection software Feb, 2023

- Trained a machine learning model using LightGBM in Python to detect crops.
- Created a database of cities including their average temperature and rainfall data from the past 20 years.
- Developed a UI for the model using Tkinter to predict the crop based on geo-location and season.
- Achieved a 90% accuracy rate in predicting crops using the model and database

Weather Display Apr, 2022

- Built a weather display project using Arduino, DHT11 Temperature and Humidity Sensor, where real-time data was displayed on an OLED screen.
- Incorporated Bluetooth module to send real-time temperature and pressure data to a phone.
- Created a mobile app with a visually appealing interface to display the received data

Billing app for retail shop Jan, 2021

- Engineered a user-friendly billing software for retail shops using Python Tkinter.
- Utilised Python libraries such as pickle, os, and messagebox for efficient billing and inventory management.
- Completed the project during 12th standard and received a score of 91/100.

Achievements:

Competitive Programming in CYBERNOS May, 2022

- Ranked first in a coding Hackathon organised by IEEE Student Chapter.
- Demonstrated strong problem-solving skills and ability to work under tight deadlines.

Microsoft AI Gaming Tournament Feb, 2022

- First prize winner at Microsoft AI Gaming Tournament by creating a complex matching pair game AI model.
- Utilised Microsoft Azure to identify and match tiles with non-identical but similar images.
- Efficiently integrated machine learning algorithms to enhance the game's efficiency and intuitiveness.

Additional

Technical skills: Proficient in C++, Python, DSA, HTML, CSS, Javascript, PHP, MYSQL, MATLAB. Python Tkinter framework, Tensorflow libraries, Arduino, basic knowledge of Microsoft Azure and AWS.

Responsibilities: Competitive programming executive at Codechef RGIPT SC.

3-star coder at Codechef