ANIMAY PRAKASH

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Education

Rajiv Gandhi Institute of Petroleum Technology(RGIPT) Amethi — **Uttar Pradesh, India**
*(An Insitute of **National importance** along the line of **IIT's**)* — *Dec 2020 – June 2024*
*Bachelor of Technology in **Computer Science and Engineering**, CPI:**8.20***

DAV Public School Kusunda,Dhanbad — **Jharkhand, India**
*Intermediate(CBSE): **82.8%(Aggregate)**, Matriculation(CBSE): **10 CGPA*** — *April 2017 – May 2019*

Projects

Sales Forecasting - Developed and deployed store sales forecasting models using Time-Series data | *GitHub* | *LIVE*
- Analyzed **time series** data for store sales forecasting through **EDA**.
- Conducted comprehensive data preprocessing and feature engineering for improved model accuracy.
- Employed **ML models** for accurate predictions.
- Provided actionable **insights** for inventory and marketing optimization.

Resume Builder - Developed a user-friendly resume builder application. | *GitHub*
- Developed a user-friendly resume builder app using React, Tailwind CSS, and Hero Icons.
- Designed versatile templates with a color picker for customization.
- Implemented PDF download functionality for easy sharing.
- Ensured smooth UI/UX with React.js and consistent styling with Tailwind CSS.

SMS Spam Classifier - Developed an ML model to predict if an SMS is spam or not. | *GitHub* | *LIVE*
- Generated **word clouds** for spam and non-spam messages to determine the most used words.
- Used **TfidfVectorizer** with 3000 max features to convert textual data into numbers.
- Implemented **Naive Bayes algorithm** with **Multinomial Naive Bayes** achieving 100% precision.
- Created a web app for the model using **Streamlit.**

Achievements

- Ranked among the top 1.8% of students in **IIT JEE Advance** 2020.
- Ranked among the top 7.34% of coders in **LeetCode**.
- Titled as Pupil at **CodeForces** with a max rating of 1361(top 10%).
- Awarded 4 star at **CodeChef** with a max rating of 1896(AIR-2742).
- Achieved a global rank of **1867** over **24k+** competitive participants in **CodeForces Round 867 (Div-3).**
- Achieved global rank of **167** over **10k+** participants in **CodeChef Starters 51 Div 2**.
- Solved **1000+ problems** in **CodeChef** , **CodeForces** , **LeetCode(1800+ Rating)** , **GeeksforGeeks** etc.
- Awarded Merit-Cum-Means Scholarship for the **top 10 %** students in the CSE Department.

Volunteer Experience

Pediageek - Contributer | *GitHub* — Jun 2022 - Aug 2022
- **Optimized** the Blog recommendation algorithm to handle large-scale blog **datasets(10,000+ user)** ensuring efficient and scalable performance.
- Delivered a blog recommendation system that increased user engagement by 30% to 40%.
- Key Technologies Used: **Python, NumPy, Pandas, PyMongo, BeautifulSoup, Natural Language ToolKit, Porter Stemmer**.

Rajiv Gandhi Institute of Petroleum Technology - Tutor — Mar 2023 - Jun 2023
- **Taught** programming in C to over 60 junior students, guided in solving 100+ Algorithmic Problems.

Technical Skills

Programming languages : C,C++, Python, HTML, CSS, Javascript, Nodejs, ExpressJS, React,MySQL, SQL.

Areas of Interest : Competitive Programming, Data Structures & Algorithms, Full Stack Development, Machine Learning.

Technologies & Tools : Git, Power BI, VSCode, Jupyter Notebook, Google Colab.

Libaries : Numpy, Pandas, matplotlib, BeautifulSoup, Natural Language ToolKit,sci-kit learn, Porter Stemmer, Tensorflow, OpenCV, Keras, NumPy, tKinter, os.