Vinit Kumar

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Education

Ajay Kumar Garg Engineering College, Bachelor of Technology in Information Technology | Nov 2022 – Present

- GPA: 7.3/10.0

Skills Summary

Languages : Java, C, Python.

Frameworks/Libraries : Express, React.js, Node.js, Streamlit, OpenCV, Scikit-learn, Pandas, Tensorflow, Matplotlib, Seaborn, RESTful API.

Tools : Git, GitHub, Postman, Jupyter, Colab, Excel, Power BI.

Database : SQL, PostgreSQL, MySQL, MongoDB.

Others : OOPS, Machine Learning, Data Analytics, System Design, Data Structures, and Algorithms.

Experience

Data Science Intern, Celebal Technologies – Remote | May 2025 – Present

- Assisted in cleaning, preprocessing, and analyzing structured and unstructured data using Python.
- Performed EDA on large datasets to uncover trends, anomalies, and correlations.
- Automated data pipelines and reporting processes, reducing manual work by 18 percent.

Frontend Developer Intern, The Assigner – Remote | Nov 2024 – Feb 2025

- Planned and developed an effective layout.
- Reduced the API latency upto 40 percent.
- Designed, implemented and optimized RESTful API integrations to ensure seamless data exchange across services.

Projects

House Price Prediction Model | Link

- Developed a house price prediction model that predicts prices based on various features present in the data model.
- Used linear regression and gradient descent algorithms to effectively train and test the model
- Tools Used: Python, Seaborn, Scikit-learn, Pandas, Numpy

Emusic | Link

- Developed an emotion-based music recommendation system model.
- CNN algorithms were used to predict emotions based on nodal distance.
- Tools used: Python, Streamlit, Tensorflow, OpenCV.

Achievements

Solved over 300+ DSA problems on Leetcode.

Contributor at GSSoC 2024

Certifications

Postman API Fundamentals Student Expert