


# VINAY KUSHWAHA

 [Vinay Kushwaha](#)

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## SUMMARY

Results-driven engineering student specializing in Artificial Intelligence and Machine Learning, with a strong foundation in full-stack development. Proficient in crafting dynamic applications using React and Django, and skilled in designing RESTful APIs for seamless data interaction. A collaborative team player with a proven ability to optimize project outcomes through effective project management and strategic leadership. Eager to leverage technical expertise and innovative problem-solving skills in a challenging role that drives engineering excellence.

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## SKILLS

Python , HTML , CSS , Git , Github , Reactjs , BootStrap , Javascript , Django , JWT , Flutter ,  
Django-rest-framework

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## PROJECTS

### Team Member Allocation App

- Implemented a robust grid system using Bootstrap, ensuring seamless adaptation to diverse screen sizes and devices.
- Effectively utilized props to manage state, facilitating effortless team selection and member viewing.
- Developed a scalable and maintainable React application, adhering to best practices and ensuring future-proofing.

### AQI Prediction

- Developed a comprehensive machine learning model in Python utilizing libraries such as numpy, pandas, matplotlib, and Tensorflow to accurately forecast Air Quality Index (AQI) values.
- Created interactive visualizations using matplotlib to illustrate the correlation between various environmental variables and AQI levels, aiding in the interpretation of model predictions

### Note App

- Developed a note-taking application with a **Django** backend and a **React** frontend using Vite, showcasing expertise in both server-side and client-side technologies.
- Designed and implemented RESTful APIs in Django to handle **CRUD** operations (Create, Read, Update, Delete) for note management, facilitating seamless data interaction between frontend and backend.
- Implemented user authentication and authorization features using **JWT**, ensuring secure access to personal notes.

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## EDUCATION

2021 - 2025

Guru Gobin Singh Indraprastha University (GGSIPU)

**Bachelor Of Technology (B.Tech)**

Artificial Intelligence and Machine Learning

St. Mary's Public School (CBSE)

10th percentage : 84%

12th percentage : 74%

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## CERTIFICATIONS

Flutter Development Brain Mentors Pvt Ltd (july 2024 - aug 2024)