

Prateek Kumar

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EDUCATION

KIET Group Of Institutions(A.K.T.U)

Bachelor of Technology in Computer Science and Engineering(Percentage of 70)

Ghaziabad, UP

Nov 2021 - 2025

Central Hindu Boys School

Senior secondary (75.2)

Varanasi,UP

2021

EXPERIENCE

House Prediction Model Internship

June 2023 – August 2023

Bharat Intern Internship for Machine Learning

Remote

- Developed a machine learning model for house price prediction using Python and libraries like NumPy, Pandas.
- Preprocessed raw data, including handling missing values, feature scaling, and encoding categorical variables.
- Explored various regression algorithms such as Linear Regression, Decision Trees, Random Forest, and Gradient Boosting Regressor to identify the best-performing model.
- Deployed the trained machine learning model using frameworks Django to create a web application for house price prediction.

PROJECTS

E-Commerce site | *HTML,CSS,JavaScript*

2023

- Designed and developed a fully responsive e-commerce site from scratch.
- Implemented responsive design techniques to ensure optimal viewing experience across various devices, including desktops, tablets, and mobile phones.
- Implemented modern design principles and user experience (UX) best practices.
- Integrated e-commerce functionality, including product listings, shopping cart management

Virtual Video Player | *Unity,Augmented Reality(AR),C sharp*

2023

- Developed a virtual video player application using Unity game engine, C sharp, and augmented reality (AR) technology to create an immersive multimedia experience.
- Implemented video playback functionality within the virtual environment, allowing users to play,pause and stop videos seamlessly.
- Ensured smooth and responsive user interactions through optimized performance and frame rates.
- Ensured cross-platform compatibility by deploying the virtual video player application to various platforms, including iOS and Android

Plant Disease Classification | *Deep Learning,Machine learning*

2023

- Developed a plant disease classification system using machine learning and deep learning techniques to accurately identify and classify plant diseases from images.
- Gathered and curated a comprehensive dataset of plant images encompassing various crops and disease types.
- Designed and developed user-friendly interfaces and dashboards to facilitate easy interaction and interpretation of classification results for end-users.
- Split the dataset into training, validation, and test sets to train and evaluate the model's performance.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL , JavaScript, HTML/CSS

Frameworks: Node.js,Tailwind, Bootstrap,WordPress

Developer Tools: GitHub, Docker, TravisCI,VS Code, PyCharm, IntelliJ

Database: MySQL, MongoDB

POSITION OF RESPONSIBILITY

KIET Sports | *(College Sports Management)*

2022

- As the Coordinator of sports, effectively coordinated Basketball,Football events and college sports event.