Arpita Pandey

Lucknow

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Objective

The College ERP project, built with HTML, CSS, and JavaScript, centralizes student, faculty, attendance, and course management in a user-friendly, responsive platform. It enhances operational efficiency, data accessibility, and coordination across departments, creating a streamlined college management system.

Experience

- **Shape My Skill**   8 August - 28 September
  Internship (Summer Training)
  The objective of incorporating machine learning training in the project is to develop a strong foundation in Python programming, OpenCV for image processing, and data structures and algorithms for efficient problem-solving. Additionally, gaining expertise in AWS enables seamless deployment and scalability. This combination of skills empowers project execution in real-world applications, enhancing performance and adaptability.

- **Sk Learning Bootcamp**   4 January 2023 - 6 may 2023
  Machine learning using Python
  Completed a comprehensive Machine Learning Bootcamp, gaining hands-on experience in Python programming, data preprocessing, model building, and evaluation. Developed skills in using machine learning libraries like TensorFlow and scikit-learn, as well as techniques in data visualization, supervised and unsupervised learning. Equipped to apply machine learning methods to solve real-world problems and create data-driven solutions.

Education

- **Babu Banarasi Das national Institute of Technology and management**   2021-2025
  B.Tech
  7.48 SGPA

- **Central Academy**   2021
  Class 12
  91%

- **Central Academy**   2019
  Class 10
  89.2 %

Skills

- Python
- Data Analysis
- OpenCV
- Data structure and Algorithms
- AWS
- HTML
- CSS
- Bootstrap

Projects

- **AI Enhanced Mental health chatbot for remote health Monitoring**
  • Used SKlearn for ML and Django framework to develop and design the engine of the chatbot.
  • Used NLP Algorithms (cosine similarity, Tf-Idf vectorizer, sentence tokenizer, Stopwords), Machine learning and AI (Natural Language Processing toolkit) Algorithms.
- **Sharpening and Improving the contrast of an image by OpenCV in python**
  • Enabled image sharpening algorithms like Gaussian, Laplacian, Unsharp Masking, histogram equalization and adaptive histogram equalization

- **Personal Portfolio website**
  - egg-grading-cff6z on Roboflow using COCOn
- **College ERP**
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Activities

- . Head of Anti Ragging Community (Nov 2021-june 2022). School Head Girl(2019-2020)

Languages

- English
- Hindi