Ria Kalra

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EDUCATION

Pranveer Singh Institute of Technology|(Affiliated to (AKTU Lucknow) **11/2021 - Present**
Bachelor of Technology in Information Technology | CGPA: 9.0 *Kanpur, Uttar Pradesh*

Harmilap Mission School|(CBSE) **4/2020 - 04/2021**
Intermediate in Computer Science | CGPA:8.2 *Kanpur,Uttar Pradesh*

Fatima Convent School|(CBSE) **4/2018 - 03/2019**
High School in Computer Science | CGPA:8.8 *Kanpur,Uttar Pradesh*

RELEVANT COURSEWORK

- Data Structures
- Data Analytics
- Software Engineering

PROJECTS

Pneumonia Detection System | *Python Transfer Learning , Neural Networks* **11/2022-01/2023**
- **Diagnosis of Pneumonia using chest x-ray images.** Employed deep learning concept to available dataset using convolutional neural network models DenseNet21, ResNet-101 etc. The scores of standard evaluation metrics, precision, recall, f1-score, ROC and AUC are fused to form weight

Underwater Image Enhancement | *Deep Learning, OpenCV, Python* **01/2024-02/2024**
- Enhancing underwater images poses unique challenges due to factors like absorption, scattering, and low visibility.
- Architectures like U-Net, ResNet, and their variants have been adapted for underwater image enhancement tasks.

TAX GPT | *Gen AI, OpenAI, LangChain* **03/2024-Present**
- An AI model is developed using Langchain, LLM which answers all queries related to taxes to the people in order to address people to have correct knowledge and updates about taxes and also generate results regarding investments etc.

TECHNICAL SKILLS

Languages:HTML5, CSS3, Python, R, C, JavaScript
Frameworks and Softwares: Django, Flask, Tableau, MongoDB, NodeJS, Express, ReactJS

CO-CURRICULAR

Head Volunteer **02/2023**
IGNITIA-2K23 *Pranveer Singh Institute of Technology*

- Assisted with special event and organized the workshop on **Machine Learning** in college fest on Feb 25−26 2023.

Spokesperson Representative **01/2024**
Incubation Event *Pranveer Singh Institute of Technology*

- Assisted by college **Entrepreneur-Cell** to showcase communication skills in the workshop (**'One District One Incubator'**) organized by the team on 12 Jan 2024.

Technical Head **04/2024**
IGNITIA-2K24 *Pranveer Singh Institute of Technology*

- Being Technical Head represented Department of Information Technology and introduced 2 events for the students in college fest launch .Monitored and worked with juniors to assist them throughout the execution of events on April 5−6 2024.

CERTIFICATIONS

Full Stack Web Development: A 6-month course program Alpha 2.0 by Apna College.
Data Science: A 6-month course program on Data Science by Campusx.
Python for AI, Data Science and Development: Authorized by IBM Skills Network and offered through Coursera.
DevOps and MLOps with AWS: Authorized by AWS and offered through Coursera.
ChatGPT:By Coding Ninjas.
Data Structures and Problem Solving in Python:By CodeChef.