

KRITIKA

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Education

Pranveer Singh Institute Of Technology
Bachelor of Technology, Computer Science and Engineering
CGPA: 6.5

November 2021 - August 2025
Kanpur, Uttar Pradesh

Shri.Jagannath.Shah Inter College
ISC - PCM
Percentage: 85%

2021

Unnao, Uttar Pradesh

Technical Skills

- HTML
- CSS
- JavaScript
- Python
- Java
- C

CourseWork

- OOPS
- Software Engineering
- Computer Networking

Projects

Money Expenditure Detector | *PHP, MySQL* August 2021
• It is a website that provides exact calculations of wasted money and helps in savings.
• Imported the database structure using the provided SQL script.
• Generated reports and visualizations (charts, graphs).

Amazon Clone | *HTML, CSS* September 2023
• Developed a fully responsive e-commerce platform with user authentication using Firebase, enabling secure login, registration, and session management.
• Utilized JavaScript for dynamic page updates and React Router for seamless navigation.
• Designed a responsive and interactive user interface using CSS and HTML components.

Brain Tumour Detection using MRI Images | *Python, TensorFlow/Keras, NumPy, Scikit-learn* September 2024
• Developed a system for detecting and classifying brain tumors from MRI scans using image processing and machine learning.
• Preprocessed MRI images (e.g., noise reduction, image segmentation).
• Implemented feature extraction techniques (e.g., histogram-based, texture analysis).
• Designed a Convolutional Neural Network (CNN) for tumor classification.
• Techniques used: SVM, Random Forest for classification, CNNs for tumor detection; U-Net for segmentation, Texture analysis (GLCM, LBP), histogram analysis

Soft Skills

- Active Listening : Committed to understanding and addressing needs effectively.
- Team Management : Ensuring smooth collaboration and achieving collective goals.
- Interpersonal Skills : Fostering positive connections and effective collaboration.

Interests

- Badminton
- Creativity
- Web Development

Languages

- English
- Hindi