

# 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 | • JavaScript | • Java |
| • CSS  | • Python     | • 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 |
|-----------|---------|