Priyanshi Katiyar

Phone: +916386572758 | Email: priyanshikatiyar2022@vitbhopal.ac.in |
LinkedIn: https://www.linkedin.com/in/priyanshi-katiyar-661551251

Education

VIT Bhopal University Bhopal, Madhya Pradesh	
BTech	Expected May 2026

Major in Computer Science
Cumulative GPA: 8.43/10

12th Standard

Karam Devi Memorial Academy World Kanpur, Uttar Pradesh	
ISC Percentage: 94%	Jul 2021

10th Standard

Karam Devi Memorial Academy World Kanpur, Uttar Pradesh	
ICSE Percentage: 96%	Jul 2019

Projects

Detection of Depression using EEG Dataset	Aug 2023 – Nov 2023

- Developed a comprehensive model that, gathers EEG data from reliable sources, perform EDA to gain insights in to the dataset. Visualize the EEG data to understand patterns and characteristics. Labels and splits the extensive data, considering models like logistic regression, support vector machines etc.
- Trained selected model on the training data, tuned hyperparameters to optimize model performance.
- Used cross-validation techniques to ensure robust model evaluation

Home Security System using Image and Video Processing with AIML	Mar 2024 – May 2024

- Designed and implemented a home security system that uses image and video processing combined with artificial intelligence and machine learning to detect suspicious activities.
- Developed a real-time monitoring system that alerts users in case of unauthorized entry. Collaborated with other members of the team to assess project outcomes.
- Utilized Python for implementing image and video processing algorithms, as well as AIML techniques for pattern recognition and anomaly detection.

Building Analysis and Material Estimation Website	Oct 2024 – present

- Developing a website for analysing the structural condition of existing buildings using image and video processing.
- Collaborating with a team to integrate algorithms that evaluate building strength and recommend required materials.
- Designing and implementing user-friendly interfaces and back-end functionalities using [technologies, e.g., HTML, CSS, JavaScript, React etc.].

Extracurricular

Dance club VIT Bhopal	
Member	Oct 2022 – Present

- Oversaw all onstage and offstage preparations for a myriad of opulent events.
- Active member of Dance Club.
- Danced on Independence Day and Teachers Day and New Year's event with 1000+ audience including Chancellor, Vice Chancellor and Registrar of VIT Bhopal.
- Organized and advertised 3+ Dance workshops with 300+ participants in VIT Bhopal.

Sports Society   KDMA World, Kanpur

Runner and Swimmer   Mar 2017 – Feb 2021

- Participated in interschool swimming competitions and won 3rd place among 10+ schools.
- Also participated in interschool relay competitions and won 1st place among 20+ schools.

ADDITIONAL

Technical Skills:
- Canva, Figma, Python, Java

Soft Skills:
- Collaboration, Adaptability, Active Listening, Communication, Strategic Thinking, Leadership Quality

Languages:
- Fluent in Hindi, English

Certifications & Training:

Online Course:
- Machine Learning and AI Foundations (LinkedIn Learning) – Feb 2023.
- Bits and Bytes of Computer Networking (Coursera)-Dec 2023

Ongoing Online Course:
- Foundations of User Experience (Coursera)
- Create High-Fidelity Designs and Prototypes in Figma (Coursera)
- Build Dynamic User Interfaces (UI) for websites (Coursera)