

APRAJITA

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Education

VIT Bhopal University

BTech

Major in Computer Science; Minor in Health Informatics

Cumulative GPA: 7.94/10

Bhopal, Madhya Pradesh

Expected May 2026

12th Standard

Vidya Bharati Chinmaya Vidyalaya

CBSE Cumulative GPA: 8.0/10

Jamshedpur, Jharkhand

May 2022

10th Standard

Hill Top School

ICSE Cumulative Percentage: 94.8%

Jamshedpur, Jharkhand

Jul 2020

Projects

Recipe Search Website:

- Developed a user-friendly Recipe Search Website, showcasing web development skills.
- Implemented features for efficient recipe searching and filtering.
- Ensured seamless functionality across devices with responsive web development techniques.
- Incorporated elements like recipe ratings and reviews to foster user engagement and community interaction.

Breast Cancer Classification using ML Algorithms:

- Applied machine learning for accurate Breast Cancer Classification.
- Contributed to developing a model for timely diagnosis.
- Integrated transparent AI techniques for clear insights into the decision-making process.
- Designed the model with a practical focus, aiming to support healthcare professionals in early and reliable breast cancer diagnosis.

Sign Language Detection using LSTM:

- Machine Learning: Designed and trained an LSTM model for real-time sign language detection with [X]% accuracy.
- Data Processing: Implemented video frame extraction, resizing, normalization, and keypoint detection using OpenCV and MediaPipe.
- Model Optimization: Fine-tuned hyperparameters and experimented with advanced architectures to enhance model performance.

Extracurricular

Data Science Club, VIT Bhopal

Oct, 2023- Present

Core Member, HR team

- Spearheaded recruitment processes, resulting in a 30% increase in club membership within the first semester.
- Implemented data-driven strategies for team collaboration, leading to a 20% improvement in project completion rates.

English Literary Association, VIT Bhopal

Core Member, PR and Marketing

- Collaborating on the development of upcoming promotional campaigns to increase visibility.
- Aiming to boost social media engagement by 20% within the next quarter through targeted content strategies.

Core Member, Technical and Finance Wing

- Financial Management: Managed and allocated budgets for various events and activities, ensuring optimal use of resources while maintaining financial records accurately.
- Data Collection: Created and utilized Google Forms to gather and analyze data for event planning, participant feedback, and financial reporting.

Blockchain Club,VIT Bhopal

Core Member,Event Management

- Collaborating with the Event Management team to plan and execute engaging events.
- Currently working on streamlining communication channels to enhance team efficiency, aiming for a 20% reduction in planning time by the end of the semester.

Activities

➤ **Dramatics Club:**

- Participated in Darpan(Stage Play Competition) in Advitya,2023 at VIT Bhopal
- Participated in Band Baja Bollywood(Bollywood ramp walk) in Advitya,2023 at VIT Bhopal

➤ **Biz-Whiz Club:**

- Participated in Cor-Play(Business Role Play Competition) at VIT Bhopal

➤ **Volunteered at the inaugural ceremony of Blockchain Club at VIT Bhopal**

➤ **Was a Council Member in High School(Vice-Captain and Coordinator of my house in std. 8th and std. 9th respectively)**

➤ **Listed amongst the top 300 teams at the National Level and top 10 at State level in ATL Marathon 2020**

ADDITIONAL

Technical Skills: Proficient in MATLAB,Simulink,Java, Python,C++ and Microsoft 365,DSA,,DBMS,Computer Networks,SQL

Languages: Fluent in Hindi and English

Certifications & Training:Fundamentals of Digital Marketing – Mar 2023,Python(Kaggle)-April 2023, HTML, CSS and JavaScript for Web Developers – Nov 2023,Java Spring Framework 6 with Spring Boot 3 course on Udemy-Nov 2024