

# PRIYA SRIVASTAV

Phone: +91 9368598022 | Email: [priya009776@gmail.com](mailto:priya009776@gmail.com)

Address: 59 B, Friends Colony, Etawah, Uttar Pradesh

LinkedIn: <https://in.linkedin.com/in/priya-srivastav-7b094b251>

## Education

<b>VIT Bhopal University</b>	Bhopal, Madhya Pradesh
BTech	Expected May 2026
Major in Computer Science	Cumulative GPA: 9.08/10
12 <sup>th</sup> Standard	
St. Mary's Inter College	Etawah, Uttar Pradesh
Percentage : 88.6%	July 2022
10 <sup>th</sup> Standard	
St. Mary's Inter College	Etawah, Uttar Pradesh
Percentage : 97.2%	July 2020

## Projects

<b>Virtual Mouse – Hand Tracking Model</b>	<b>Feb 2025 – Ongoing</b>
<ul style="list-style-type: none"><li>Coordinated efforts within a team of 5 to design a 3-D model algorithm for real-time hand tracking, automating tasks at a rate of 58 frames per second.</li><li>Collaboratively utilized Python, Open-CV and Media-Pipe in concert to detect the hand region using key-point localization of 21 palm coordinates.</li><li>Contributed to the development of a Python Script for Human-Computer interaction which provides users an alternate way to interact with the User Interface, incorporating aspects of artificial intelligence, scalability, and UI design.</li></ul>	
<b>Grammar Guru - NLP Grammar Spell Check</b>	<b>Oct 2024 – Jan 2025</b>
<ul style="list-style-type: none"><li>Devised a sophisticated Grammar Corrector application employing cutting-edge Natural Language Processing strategies; enabled consistent grammar checks for over 100+ written submissions, contributing to enhanced clarity and professionalism in user-generated content.</li><li>Utilized Python, Machine Learning and NLTK library to implement grammar analysis algorithms. Using HTML and CSS, built a user-friendly interface for text input and error visualization, highlighting effective UI design and information retrieval.</li><li>Enhanced user writing by identifying and correcting grammatical errors. The goal is to reduce writing errors by 90%, promoting clarity and professionalism through intelligent data storage and distributed computing techniques.</li></ul>	
<b>VITalk - Social Media WebApp</b>	<b>Feb 2024 – Oct 2024</b>
<ul style="list-style-type: none"><li>Collaborated with a team of 5 to develop "VITalk," a domain-specific social media web app for VIT students using JavaScript, React, Node and MongoDB.</li><li>Engineered secure user authentication and aiming registration for 8,000+ students, featuring Posts, Individual/Group chats, Events Calendar, Profile Management, Friend Management, and Luminosity Mode.</li><li>Efficiently managed the development using FastAPI for scalable backend, chat, and MongoDB for efficient data storage, resulting in increase in user engagement.</li></ul>	

## Activities

<b>Data Science Club (Team Member)</b>	<b>VIT Bhopal</b>
<ul style="list-style-type: none"><li>Organized and conducted monthly meetings for the agile learning of Data Science members.</li><li>Orchestrated 12 sessions, each with about 50 people, to raise knowledge of Data Science.</li></ul>	
<b>Volunteer   [Advitya]   [2025].</b>	<b>VIT Bhopal</b>
<ul style="list-style-type: none"><li>Efficiently managed resources, implemented cost-effective strategies, and conducted post-event evaluations.</li><li>Eager to contribute leadership and event planning skills.</li></ul>	

## ADDITIONAL

**Technical Skills:** Python, C/C++, Java, HTML, CSS, JavaScript, MongoDB, MySQL, UI Design(Figma), DSA in C++, Microsoft Excel, Microsoft PowerPoint.

### Extra-Curricular Activities:

- Participated in Google Girl Hackathon 2024 by Google and HackOn With Amazon: Season 4 by Amazon.
- Partake in 'ROBOTHON2.0' Hands-on workshop and Robo-race competition (VIT Bhopal), workshop on IoT data analysis hosted by Data Science Club (VIT Bhopal).

**Languages:** Fluent in Hindi, English

**Certifications & Training:** Supervised Machine Learning by Stanford University through Coursera (Jul 2024), Cloud Computing by NPTEL (Apr 2024), Python Essentials by HackerRank (Feb 2024), Bits and Bytes of Computer Networking by Google through Coursera(Dec 2023), MATLAB Onramp by MathWorks(Oct 2022).