

Prashasti Priya

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EDUCATION

• VIT Bhopal University

(May 2026)

Bachelor of Technology in Computer Science & Engineering | CGPA: **9.14**

Skills

Programming Languages & Tools: C++, Python, PostgreSQL, Git, GitHub.

Frameworks, Libraries & Web Technologies: React.js, REST API.

Projects

Ecomzy – E-Commerce Website

(May 2025 - June 2025)

Tech Stack: Django, Python, SQLite, HTML, CSS, React

- Developed a full-stack e-commerce website, “Ecomzy,” leveraging React.js for a dynamic frontend and Django for a robust backend, with SQLite to efficiently manage over 2000+ product and user records.
- Implemented essential e-commerce functionalities including product listings, search, user registration/login, shopping cart, and order placement, integrated RESTful APIs for seamless frontend-backend communication.
- Focused on crafting a responsive UI, optimizing page load speed, and scalable modular architecture, applying best development practices to ensure long-term performance, scalability, and maintainability across all devices.

Bright Future – Career Guidance Portal

(Feb 2025 - March 2025)

Tech Stack: Django, Python, SQLite, HTML, CSS, AWS

- Developed a responsive and interactive course and mentor booking website using Django, implementing user-friendly navigation, dynamic content rendering, and secure authentication through Django's built-in auth system.
- Configured and integrated SQLite as the backend database to store and manage student records, faculty profiles, and announcements efficiently, ensuring smooth data flow across different views and templates.
- Collaborated with ChatGPT throughout development for UI design suggestions and coding best practices.
- Deployed the project using AWS Elastic Beanstalk to achieve scalability, load balancing and cloud accessibility.

Bollywood Bias Buster — AI-Based Gender Stereotype Detection System

(Ongoing)

Tech Stack: Python, spaCy, Hugging Face Transformers, TensorFlow, Pandas, NumPy, Matplotlib, scikit-learn

- Built an AI system to detect gender stereotypes in Bollywood movie scripts using NLP techniques like NER, co-reference resolution, and curated bias lexicons, enabling stereotype detection across multiple narrative styles.
- Created a detailed bias report for each movie script by tagging lines with stereotype types such as gendered occupations, appearance-focused descriptions, and lack of agency, helping quantify and explain narrative bias.
- Developed a remediation module that generated alternative, bias-free rewrites for flagged lines in scripts by identifying the stereotype type (e.g., agency gap) and suggesting neutral phrasing that preserves the narrative intent.

Co-curricular

Lakecity Hack-2024 (JLU Bhopal) — No Code Hackathon : (Winner)

- Proposed a wearable device leveraging Computer Vision and Natural Language Processing to translate hand signals into speech and spoken words into subtitles, enhancing accessibility through smart glasses.
- Demonstrated market potential with a detailed study: Total Addressable Market (TAM): \$70B, Serviceable Available Market (SAM): \$2.26B, and Serviceable Obtainable Market (SOM): \$56.5M.

Extracurricular

International English conference

(Nov 23)

- Volunteered with event management team, handling documentation, record management, and coordinating with professors from 10+ states and 5+ countries, ensuring smooth execution for 200+ attendees.

Sports — VIT Bhopal

- Participated in **Arambh22** basketball and our team bagged **gold**, played as defender.
- Participated in **Advitya23** Cricket and our team bagged **gold**.

Hobbies

Mandala art, Table tennis, Basketball, cooking