Prashasti Priya

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Education

- **VIT Bhopal University**
  B.Tech. in Computer Science and Engineering — CGPA: 9.14   May 2026

Skills

- Programming Languages & Tool: C, C++, Python, SQLite, PostgreSQL, Git, GitHub, AWS.

- Frameworks, Libraries & Web Technologies: Django, React.js, HTML, CSS, REST API, TensorFlow, spaCy, Hugging Face Transformers, scikit-learn, Pandas, NumPy, Matplotlib.

Projects

- **Ecomzy – E-Commerce Website** ⌂   *Jan 2025 – March 2025*
  Tech Skills: Django, Python, SQLite, HTML, CSS, React, REST API
  – 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 architecture, applying best development practices to ensure long-term performance, scalability, and maintainability across all devices.

- **Bright Future – Career Guidance Portal** ⌂   *April 2025 – July 2025*
  Tech Skills: Django, Python, SQLite, HTML, CSS, AWS
  – Developed a responsive course and mentor booking website using Django, implementing user-friendly navigation, dynamic content rendering, and secure authentication through the Django 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
  – Deployed project using AWS Elastic Beanstalk for scalability, load balancing, and cloud accessibility.

- **Bollywood Bias Buster – Gender Stereotype Detection** ⌂   *Ongoing*
  Tech Skills: Python, spaCy, Hugging Face Transformers, TensorFlow, Pandas, NumPy, Matplotlib, scikit-learn
  – Built an AI system with Hugging Face LLMs to detect gender stereotypes in Bollywood scripts using NLP methods like NER, co-reference resolution, and curated bias lexicons for robust narrative analysis.
  – Designed a bias-reporting pipeline that tags lines with stereotype categories such as gendered occupations, appearance-based descriptions, and lack of agency, thereby quantifying and explaining narrative bias.
  – Implemented a remediation module generating bias-free rewrites while retaining narrative context.

Achievements

- Winner – Lakecity Hack-2024 (No Code Hackathon, JLU Bhopal): Proposed smart glasses leveraging Computer Vision & NLP to convert hand signals into speech and spoken words into subtitles, enhancing accessibility.

- Flipkart Grid 7.O: Reached Semi-Finals among 1.6L+ participants, showcasing problem-solving skills.

Activities

- Volunteered at International English Conference (Nov 2023), as part of event management team coordinated with professors from 10+ states and 5+ countries, ensuring smooth execution for 200+ attendees.

- Sports: Gold medal in Arambh22 Basketball (Defender) and Advitya23 Cricket (Team Event).

Hobbies

Mandala art, Table tennis, Basketball, Cooking