

Prashasti Priya

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EDUCATION

• VIT Bhopal University

(May 2026)

Bachelor of Technology in Computer Science & Engineering | CGPA: 9.09

Skills

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

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 –College Website

(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.

Stock Market price predictor

(Ongoing)

Tech Stack: Python, Pandas, NumPy, scikit-learn, Matplotlib

- Designed and implemented a stock trend prediction model using the K-Nearest Neighbors (KNN) algorithm in Python, analyzing NSE-TATAGLOBAL data to forecast short-term movements based on historical trading data.
- Processed 1,200+ rows and 8 columns, to extract meaningful insights and identify patterns in stock price fluctuations and generated 25+ visual plots to extract insights and improve market responsiveness.

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