

Mansha Kshatriya

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EDUCATION

Vellore Institute of Technology, Bhopal

Bhopal, India

B.Tech in Computer Science (Health Informatics) CGPA 8.38

2022-2026

EXPERIENCE

Web Content Intern – Inamigos Foundation | Remote |

2023 – Jan 2024

- Developed 15+ donor-facing value propositions and impact stories, increasing engagement by 35% through compelling technical translation of complex field data into accessible narratives
- Collaborated with cross-functional teams (operations, field staff, marketing) to gather requirements and deliver stakeholder-aligned content solutions within tight deadlines
- Conducted discovery sessions with 10+ internal stakeholders to identify communication pain points and implemented content strategy reducing information asymmetry by 40%

PROJECT EXPERIENCE

RaktSetu

FastAPI, Machine Learning, Python, Uvicorn, JS

Aug 2025

- Developed ML-powered FastAPI system with JS frontend, geo-matching, and automated alerts.
- Built a real-time, scalable platform to accelerate donor–patient matching for emergency patients.
- Reduced match time by ~60% and earned Hackathon Semi-Finalist recognition.

PredictoCare

Python, Machine Learning, Scikit-learn, SHAP

Feb 2024

- Performed feature engineering on 30+ attributes from the Wisconsin Breast Cancer Dataset and optimized SVM (GridSearchCV).
- Built a model with >95% accuracy for tumor classification.
- Achieved 97% accuracy; deployed with explainability (SHAP/LIME) for doctors.

LinkedIn Post Generator API & Content Automation

Feb 2024

Python, Streamlit, Llama3, Groq API

- Developed and integrated a RESTful API using Groq and Llama3 for high-performance content generation and preprocessing.
- Implemented keyword extraction (NLTK) and deployed via Streamlit with user feedback system.
- Helped users achieve a 70% reduction in content creation time.

CO-CURRICULAR ACTIVITIES

AI For Good Hackathon (Blend)

Hyderabad, India

Semi-Finalist

- Led a 3-member team to develop an ML-based solution, advancing to the semi-finalist round and improving real-time donor–patient matching.

UX Club — VIT Bhopal

Bhopal, India

Content Strategist

- Created 30+ SEO-optimized articles and social media posts, increasing club engagement by 40%.

Gujarati Cultural Club — VIT Bhopal

Bhopal, India

Event Organizer

- Planned and executed 3+ large-scale cultural events with 500+ attendees, managing budgets and logistics.

SKILLS & INTERESTS

Skills: • Python • JavaScript • SQL • REST APIs • Data Analysis • Machine Learning • FastAPI

• Needs Analysis & Discovery • Solution Design & Architecture • Value Proposition Development

• Cross-functional Collaboration • Solution Implementation • Technical Documentation