

AMRITA NIRBHEEK

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Education

Bachelors of Computer Science, Vellore Institute of Technology, Bhopal <i>CGPA : 8.01 / 10</i>	2022 – 2026
Sophia Girl's Sr. Sec. School, Kota <i>Class 12th : 83%</i>	2021 – 2022
Class 10, Shiv Jyoti Convent Sr. Sec. School, Kota <i>Class 10th : 89%</i>	2019 – 2020

Projects

AI Based Healthcare Diagnostics / *HTML, CSS, Java, Python, Flask*

- Collaborated on frontend development using HTML, CSS, and Java to build an intuitive and responsive UI for user interaction.
- Contributed extensively to the project documentation, outlining features, flow diagrams, and implementation details.
- Python scripts were used for training the chatbot on symptom datasets to provide intelligent health-related responses.
- Flask was used as the backend framework to route user inputs and responses through a smooth web interface.

Task Tracker / *React.js, Tailwind CSS, Fast API, PostgreSQL*

- Frontend built using React.js, styled with Tailwind CSS, and deployed on Vercel.
- Backend developed using Fast API, integrated with PostgreSQL and deployed via Render.
- Features include user registration/login, token-based authentication, CRUD operations for tasks, and RESTful API communication.
- Handled CORS configuration, frontend-backend integration, and secure token storage using localStorage.

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript,

Developer Tools: VS Code, GitHub

Technologies/Frameworks: React.js, Tailwind CSS, Fast API, REST API, PostgreSQL

Leadership / Extracurricular

Women Empowerment Cell <i>Student Coordinator</i>	2023 – 2024
<ul style="list-style-type: none">• Conducted several events promoting Women Safety. Coordinated with college authorities and student bodies to ensure smooth execution of events, managing logistics, promotions, and participant engagement.	
Mharo Rajasthani Club <i>Joint Secretary</i>	2024 – 2025
<ul style="list-style-type: none">• Conducted several events promoting Rajasthani Culture and Tradition. Assisted in planning and managing key initiatives such as folk-dance performances, traditional music nights, and Rajasthani cuisine festivals, enhancing cultural awareness on campus	

Certification

- MERN Full Stack Certification – Ethnus
- AWS Solutions Architect- Associate – Ethnus
- DSA Structures in C++ - Coding Ninja
- Python Essentials – Vityarthi
- IBM AI Engineering - Coursera

