

AMRITA NIRBHEEK

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<https://github.com/Amrita04N>

Education

Bachelors of Computer Science, Vellore Institute of Technology, Bhopal **2022 – 2026**
7.92 cgpa

Class 12, Sophia Girl's Sr. Sec. School, Kota **2021 - 2022**
83%

Class 10, Shiv Jyoti Convent Sr. Sec. School, Kota **2019 – 2020**
89%

Projects

- **AI Based Healthcare Diagnostics (HTML, CSS, Java, Python, Flask)**
A chatbot-based health diagnostics web application that provides basic health suggestions by analyzing user-input symptoms.
 1. Collaborated on **frontend development** using **HTML, CSS, and Java** to build an intuitive and responsive UI for user interaction.
 2. Contributed extensively to the **project documentation**, outlining features, flow diagrams, and implementation details.
 3. Python scripts were used for training the chatbot on symptom datasets to provide intelligent health-related responses.
 4. Flask was used as the backend framework to route user inputs and responses through a smooth web interface.
- **Task Tracker (React.js, Tailwind CSS, FastAPI, PostgreSQL)**
A full-stack productivity web application allowing users to manage tasks efficiently with secure login and JWT-based authentication.
 1. Frontend built using **React.js**, styled with **Tailwind CSS**, and deployed on **Vercel**.
 2. Backend developed using **FastAPI**, integrated with **PostgreSQL** and deployed via **Render**.
 3. Features include user registration/login, token-based authentication, CRUD operations for tasks, and RESTful API communication.
 4. 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, FastAPI, REST API, PostgreSQL

Leadership / Extracurricular

- Had been a Student Coordinator for Women Empowerment Cell, VITB and conducted several events promoting Women Safety.
- Cultural Lead(23-24) and Joint Secretary(24-25) for Mharo Rajasthani Club VIT Bhopal.