

Vanshika Bhojani

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Education

VIT Bhopal University , B-Tech in Computer Science	Nov 2022 - Present
• GPA: 8.53	
The Shishukunj International School , Higher Secondary Examination	2021-2022
• 85.8 %	
The Shishukunj International School , Secondary Examination	2019-2020
• 86.2 %	

Skills

Languages: Java, Python

Frontend: HTML , CSS , Javascript

Backend: Node.js, Express.js

Database: Microsoft SQL Server, MongoDB, Postgres

Dev Tools: VScode, Git, Github, AWS Console

Projects / Activity

Parkinson's Disease Detection Using Predictive System	January 2025
<ul style="list-style-type: none">Developed a machine learning system to diagnose Parkinson's disease using biomedical data. Used Support Vector Machine (SVM) and k-Nearest Neighbors (k-NN), achieving up to 91.2% accuracy.Preprocessed and engineered features from 5,800+ voice samples, improving model performance. Optimized hyperparameters using Grid Search, reducing error rate by 15	
Movie Recommendation System	July 2024
<ul style="list-style-type: none">Developed a dynamic movie recommendation platform using React.js, HTML, CSS, and MySQL for backend data management. Enabled users to browse/search movies by genre, rating, release year, and personalized suggestions.Implemented content-based filtering to improve recommendation accuracy, enhancing user experience and reducing time spent in finding suitable movies.	
Cloud Kitchen	July 2023
<ul style="list-style-type: none">Built an interactive recipe discovery platform using HTML, CSS, JavaScript, and Bootstrap to offer seamless navigation and responsive design.Integrated step-by-step cooking instructions and categorized dishes using a MySQL database, targeting beginners with a clear, guided cooking experience.	

Certifications

- Full Stack Web Development [Udemy]
- AWS Cloud Technical Essentials Certificate [Coursera]
- HTML, CSS, and JS for Web Developers Certificate[Coursera]
- Bug Bonanza coding - HackerRank

Achievements

Legrand Empowering Scholarship	2022
Recieved a Scholarship worth INR 1,00,000 until the completion of my B-Tech (4 lakhs total).	
Solved 200+ questions on LeetCode	
Achieved 1570 contest ranking on LeetCode	