Shruti Yadav
VIT Bhopal University

Second Year Undergraduate, **Major**: CSE
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Leetcode: https://leetcode.com/u/3qkaeU69lQ/

Education

BTech, Computer Science Engineering, VIT Bhopal University	CGPA: 8.39/10	2023 - PRESENT
Class 12, CBSE: Amity International School, Vasundhara Sector-6	Aggregate: 82 %	2021 - 2023
Class 10, CBSE: Amity International School, Vasundhara Sector-6	Aggregate: 93 %	2020 - 2021

Experience

Projects

Farm Management System: Farmify [GitHub] :   *[September 2024 – December 2024]*
- **Developed a Farm Management System website using HTML, CSS, JavaScript, and MongoDB for database management.**
- Implemented **user authentication**, allowing farmers to log in with their name, mobile number, and email ID.
- Designed a **crop information database** for 12 crops, storing details like **soil type, cultivation time, fertilizers, and tools**.
- Enabled **farmer input tracking**, where users can log their harvesting start date for better crop planning.
- Integrated an **automated guidance system** providing updates every **15 days** on crop care based on growth stages.

Farm Management System [GitHub] :   *[January 2025 – April 2025]*
- Built a web application using Python, Flask, Typescript, HTML and CSS to help users predict the likelihood of common diseases based on symptom input.
- Implemented a Symptom Checker powered by machine learning models to predict diabetes, Parkinson's disease, heart disease, and mental illness.
- Trained and deployed ML models using scikit-learn, with efficient data handling through Pandas.
- Designed a clean and responsive user interface for easy interaction and clear diagnostic results.
- Enabled users to take preventive actions by providing quick and accessible preliminary health insights.

Skills

Computer Skills:	C, C++, Python, Java, MySQL, MS Word, MS Excel. MongoDB
Developer Tools:	VS Code, MongoDB Compass
Relevant Coursework:	Data Structures and Algorithms, Algorithm Design, Computer Networks, Computer Architecture, Operating Systems, Digital System Design, Probability,Reliability & Statistics, Machine Learning
Other Skills:	Teamwork, Project Management, Communication, Problem Solving

Positions of Responsibilities

Virtual Reality & Gaming Club:	Core Member of VRGC of VIT Bhopal, volunteered several events and gaming tournaments	*(2024-Present)*
Team Lead:	Led a team to develop a farm management website using **HTML, CSS, JavaScript, and MongoDB**.	*(2024)*

Achievements

- Documented daily coding progress on **LeetCode and Python projects**. Participated in #100DaysOfCode Challenge   *(2024-Present)*
- Participated in Hackathon by Adobe   *(2024)*
- Certifications by Vityarthi   *(2023-24)*

Extracurriculars and Hobbies

- **Badminton** – Passionate about playing badminton and staying active through sports.
- **Classical Dance (Kathak)** – Enthusiastic about Indian classical dance and trained in **Kathak**.
- **PC Gaming** – Enjoys exploring new games.