|  |  |
| --- | --- |
| Shruti Yadav **VIT Bhopal University** | Second Year Undergraduate, **Major**: CSE  **Add:** D block, Shipra Krishna Vista, Indirapuram, Ghaziabad, UP  e-mail: [**shruti.23bce10414@vitbhopal.ac.in**](mailto:meghejkhandelwal@gmail.com)  Mobile : +**91 9891300327** LinkedIn: [linkedin.com/in/shruti-yadav-843a942a1](https://www.linkedin.com/in/shruti-yadav-843a942a1)  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  Class 10, CBSE: Amity International School, Vasundhara Sector-6 | Aggregate: 82 %  Aggregate: 93 % |  | 2021 - 2023  2020 - 2021 |

**Experience**

**Projects**

**Farm Management System: Farmify [**[**GitHub**](https://github.com/Aashu4you/Farmify-)**] :** *[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**](https://github.com/Aashu4you/MediPred01)**] :** *[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.