

# SUNNY VASUDEV YADAV

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION:

**Bachelor of Technology (B.Tech.) | Artificial Intelligence & Data Science**

**2021-2025**

University of Mumbai. Passed with 8.7 CGPI.

## COURSEWORK / SKILLS:

- **Language:** Python | Bash/Shell
- **Database:** MySQL | MongoDB
- **Framework:** Flask | Streamlit | TensorFlow | Bootstrap | Leaflet
- **Tools:** MySQL Workbench | Postman | GitHub | Twilio SDK | M.S Office | OpenCV | Pandas | Plotly,
- **Knowledge:** DBMS | Data Analysis | Machine Learning | Data Structures & Algorithms

## INTERNSHIP:

**TECHOCTANET SERVICES PVT LTD**

**Dec'23 – Jan'24**

- Designed a WhatsApp chatbot using a RESTful API built with Python (Flask) and Twilio SDK to help users find the nearest washrooms.
- Used the Haversine formula and Google Maps API to provide accurate, real-time directions. This integration improved location accuracy and reduced the average user query time by 20%.

## PROJECTS:

[Farm-EZ](#) | Leaflet | CNN | AWS EC2

**Apr'24 – Dec'24**

- Implemented interactive map using Leaflet, plotting locations for 100+ farmers' lands with 97% marker accuracy, facilitating precise visualization of agricultural data for enhanced decision-making capabilities.
- Built a CNN-based deep learning model to detect 14 common crop diseases from images, and deployed the project on an AWS EC2 instance.

[Wall-e-Cart](#) | OpenCV | Pandas

**Dec'23 – Feb'24**

- Developed a full-stack web application with features for product search, shopping list management and implemented a machine learning pipeline for personalized product recommendations and a Logistic Regression model for churn prediction.
- Employed OpenCV for barcode recognition and data retrieval, which improved the product lookup process by 30% over manual entry methods.

[Olympi-Verse](#) | Streamlit | Plotly

**Oct'23 – Nov'23**

- Conducted extensive data analysis and preprocessing on a 120-year Olympics dataset, handling over 270,000 rows of raw data for a wide range of analytical tasks.
- Leveraged Plotly to create interactive visualizations and integrated video content, allowing users to analyse historical data while watching relevant clips. This enhanced user engagement and provided a more immersive experience.

## ACHIEVEMENTS

- **Winner of Idea-Thon 2023** | KJ Somaiya
- **2<sup>nd</sup> runner up of Innovize 2024** | VJTI
- **Two Time Best Research Paper winner – Multicon 2023 & 2024** | TCET
- **100+ SQL & DSA solved on leetcode**

## CO/EXTRA-CURRICULAR ACTIVITIES

- TCET-ISTE Member
- **Completed In-house Internship:** Gained hands-on experience with Linux, Power BI, and MongoDB.
- Hobbies: Football | Cycling | Plant Care | Reading Fiction

**2021-2025**