

# SAMRUDDHI VILAS WAGARE

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## Professional Summary

I dedicated & enthusiastic B.Tech student in Artificial Intelligence & Machine Learning (AIML) with strong fundamentals in programming, data analysing and IoT-based automation. Passionate about solving real-world problems using technology, with hands-on project experience in IoT systems and a strong academic record. As President of Cyber Warrior Club Under Quick Heal Foundation, I actively promote cybersecurity awareness and digital safety initiatives on campus.

## Education

**Bachelor of Technology (B.Tech) in Artificial Intelligence & Machine Learning**

2023– Present

*D. Y. Patil Agriculture and Technical University, Talsande*

Expected Graduation: 2027

## Technical Skills

- Programming Languages      C, C++, Python, R Programming
- Web Technologies            HTML, CSS, JavaScript
- Frameworks               Pytest, Pandas, Numpy, Matplotlib
- Build Tools                IoT Sensors & Arduino, Bootstrap
- Version Control           GitHub, Visual Studio Code, Jupyter Notebook
- Core subjects             Data structure, DBMS, OS, ML, AI, Big Data, Linear Algebra, Statistics
- Soft Skills                Leadership, Team Management, Problem Solving, Communication

## Academic Highlights

- Consistently ranked among top performers with SGPA ranging between 8.75 – 9.16.
- Strong foundation in programming, data science and AI concepts.
- Secured 85 – 89% aggregate across semesters.

## Projects

### Flood Monitoring and Alerting System (IoT)

*IoT, Sensors, Microcontrollers*

- Designed an IoT-based system to monitor water levels using sensors and microcontrollers.
- Implemented real-time alert mechanisms to reduce flood risk and improve response time.

### Soil Irrigation System using IoT

*IoT, Automation, Sensors*

- Developed an automated irrigation system using soil moisture sensors.
- Optimized water usage through sensor-based decision making.

## Positions of Responsibility

### President – Cyber Warrior Club (QHF) | DYP-ATU

- Organized and led cybersecurity awareness events & presentations.
- Collaborated with Quick Heal Foundation to promote digital safety and anti-fraud awareness among students.
- Managed a team of volunteers and coordinated inter-departmental initiatives.

## Certifications

- Internet of Things (IoT) Workshop – SVL Automations
- Python Programming – IBM, Conducted by National Skill Development Corporation (NSDC, Ethnotech academy)
- Python & Machine Learning Coursework (Academic)
- TATA Crucible Campus Quiz 2025-Unstop

- Oracle Cloud Foundation Certified Implementation Specialist-Oracle
- Oracle Cloud infrastructure 2025 Generative AI Professional- Oracle
- Cyber Awareness Certification - Quick Heal Foundation
- Database Management System- Great Learning
- DevTown on Amazon Clone using HTML,CSS & JavaScript- AWS community builders
- Fundamentals of Responsible AI – Infosys