

# Abhishek G. Wankhade

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## EDUCATION

### Bachelor of Technology in Computer Engineering

2021 – Present

Vishwakarma Institute of Technology, Pune, Maharashtra | **8.86** (till 5<sup>th</sup> Sem)

### HSC, Class XII

2020 - 2021

Mamta English Junior College, Tornala, Washim, Maharashtra | **96.83%**

### SSC, Class X

2018 - 2019

Sau. Shobhanatai Narendrakumar Chaware English School, Karanja lad, Maharashtra | **90.80%**

## PROJECTS

### AgroPredict

Implemented an end-to-end agricultural decision support system leveraging Machine Learning and Deep Learning techniques. Developed modules for Crop Recommendation, Fertilizer Recommendation, and Plant Disease Prediction, providing farmers with insights for optimized yield. Integrated rule-based systems, predictive modeling, and a web interface for user-friendly interaction.

*Skills Used: Python, Flask, Data Analysis, Data Visualization, HTML, CSS*

### Spend Wisely

Created "Spend Wisely," a MERN stack web app, enabling users to efficiently manage their finances by tracking expenses and income. Implemented analytical features, including total transactions, turnovers, and categorized insights, enhancing financial control. Achieved secure data storage and user authentication through MongoDB and delivered a responsive, user-friendly interface.

*Skills Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB*

### Stack Overflow Clone

Developed a user-friendly Q&A platform similar to stack overflow using modern web technologies. Implemented essential features like authentication, user profile management, asking question, giving answer and voting and sharing system for questions.

*Skills Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB*

## TECHNICAL SKILLS





**Programming Languages:** Java, Python, C, SQL, C++(Beginner)

**Databases:** MySQL, MongoDB

**Development:** HTML, CSS, JavaScript, React, Express.js, Node.js

**Other:** Git, GitHub, Flask, Data Analysis & Visualization

## ACHIEVEMENTS

- LeetCode: Successfully solved 300+ problems, showcasing problem-solving skills and algorithmic expertise. 
- HackerRank Achievements: 5 ★ in Java | 5 ★ in SQL | 4 ★ in Python 
- Paper Publications:
  1. **An Advanced Surveillance Motorized Car for Real-time Inspection with Sensing Capabilities**  
Received best paper award | Presented at International Conference on Robotics, Control, Automation and Artificial Intelligence ([RCAAI 2023](#)) | Will be published in Springer 2024
  2. **Interactive Virtual Consultation and Disease Diagnosis Using Machine Learning Approach**   
Published in 2023 by IGI Global | Book Chapter in [Advances in Artificial and Human Intelligence in the Modern Era](#)
  3. **Intelligent Monitoring Support System for Smart Irrigation Management**   
Published in 2023 by IEEE | Presented at 2nd International Conference on Vision Towards Emerging Trends in Communication and Networking Technologies ([VITeCoN](#))

## EXTRA-CURRICULAR ACTIVITIES

### Coordinator (Content & Research) | Ekasutram (Mathematics club), VIT Pune

08/2022 – 07/2023

Coordinated content creation and research efforts for the Mathematics Club, producing engaging materials and conducting in-depth research. Collaborated with a team, contributed to event planning, and led workshops and events on mathematical topics.

### Volunteering in Blood Donation Camp | Social Welfare and Development Committee, VIT Pune

02/2023 – 03/2023

Actively promoted the blood donation camp through various channels, engaging the community and coordinating with donors to ensure a smooth donation process.