TANUJA MARUTI WAWARE

B.Tech. - Computer Science & Engineering
- Dr. D. Y. Patil College of Engineering and Innovation
Email: tanujawaware@gmail.com
Chinchwad, Maharashtra, India - 411019

EDUCATION

Dr. D. Y. Patil Educational Federation   2025
B.Tech. - Computer Science & Engineering - Dr. D. Y. Patil College of Engineering and Innovation | CGPA: **7.20 / 10**

Abhishek Arts, Commerce & Science Junior College, Sambhajinagar, Chinchwad,Pune -19., Pune   2021
12th | MSBSHSE | Percentage: **77.33 / 100**

Abhishek Vidyalayam English Medium School, Sambhajinagar, Chinchwad Pune -19., Pune   2019
10th | MSBSHSE | Percentage: **65.20 / 100**

PUBLICATIONS / RESEARCH / WHITE PAPERS

Reflectech: The Smart Mirror   28 Oct, 2024
IOT & AI & ML | International Education & Research Journal(IERJ) | **Mentor:** Mr. Santosh Kawade | **No. of Authors:** 5

Key Skills: HTML   CSS   Javascript   Python   Raspberry Pi   ML   AI   IoT

This project focuses on designing and developing a smart mirror, a digital device that integrates calendar synchronization and customizable widget functionality to enhance everyday convenience. By providing real-time updates on weather, news, and schedules, the smart mirror aims to improve personal productivity. Built on user-centered design principles, the interface is intuitive, ensuring seamless interaction. The project explores the technical aspects of integrating APIs, such as the Google Calendar API, while incorporating advanced features like voice command systems, touch interfaces, and IoT integration for synchronization with other smart devices. It delves into the methodologies, tools, and technologies used during development, highlighting the challenges faced, including technical limitations and interface optimization. Future iterations of smart mirrors will benefit from these insights, improving functionality and user experience. Ultimately, this report will conclude with a discussion on how smart mirrors can play a central role in future smart homes, enhancing connectivity and everyday routines.

ASSESSMENTS / CERTIFICATIONS

Apna College - C++ DSA

Key Skills: C++   DSA

Completed a comprehensive C++ Data Structures and Algorithms course at Apna College, taught by Shradha Khapra. Gained strong foundational knowledge in core DSA concepts, including arrays, linked lists, trees, graphs, sorting, searching, and dynamic programming. Developed practical problem-solving skills through hands-on coding exercises and real-world project implementations.

NPTEL Online Certification - Introduction to Internet of Things

Aggregate: 62 / 100

Key Skills: IoT

Completed the NPTEL course on Internet of Things (IoT) taught by Prof. Haimanti Banerji, NPTEL Coordinator at IIT Kharagpur. Achieved an Elite Grade, demonstrating a strong understanding of IoT concepts, technologies, and applications.

Cisco - Introduction to Cybersecurity

Key Skills: Cyber Security

Completed the Cisco - Introduction to Cybersecurity course through the Cisco Networking Academy. Gained foundational knowledge in cybersecurity concepts, including threats, vulnerabilities, and best practices for protecting digital assets.

Cisco - Introduction to Packet Tracer

Key Skills: Cisco Packet Tracer

Completed the Cisco - Introduction to Packet Tracer course through the Cisco Networking Academy. Developed foundational skills in network simulation and visualization using the Packet Tracer platform.

Udemy - Python Programming: Python Bootcamp For Beginners

Key Skills: Python

Completed the 'Python Programming: Python Bootcamp For Beginners' course on Udemy, instructed by Sara Academy. Gained foundational knowledge in Python programming, including core syntax, data structures, and control flow.

Udemy - Microsoft Excel - Basic Excel/ Advanced Excel Formula

Key Skills: Excel

Completed the 'Microsoft Excel - Basic Excel/ Advanced Excel Formula' course on Udemy, instructed by Yassin Marco. Gained proficiency in essential Excel functions and formulas for data analysis and manipulation.

PERSONAL DETAILS

Gender: Female
Marital Status: Single
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Date of Birth: 19 Feb, 2004
Known Languages: English, Marathi, Hindi
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