MOUSAMKUMARI SAROJ THAKUR
B.Tech. - Information Technology - MIT ADT - School of Engineering
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BRIEF SUMMARY

A electronics and telecommunication diploma holder from MIT University, Pune, and currently pursuing my IT degree from MIT ADT, Loni. With a strong work ethic and self-motivation, I aim to secure a position in a reputed company and grow into a leadership role. In my free time, I enjoy exploring new AI tools and video editing. My career objective is to leverage my skills and knowledge in technology, particularly in areas such as artificial intelligence, user experience design, and software development, to create innovative solutions that positively impact people's lives. I aim to continuously learn and grow, contributing to meaningful projects and collaborating with diverse teams to solve complex problems effectively.

KEY EXPERTISE

java html css javascript canvas figma SQL Computer Networking Blender MongoDB DSA OOPs Wordpress XAMPP

EDUCATION

MIT ADT - School of Engineering 2021 - 2025
B.Tech. - Information Technology - MIT ADT - School of Engineering | CGPA: **6.36 / 10**

MIT Polytechnic, Kothrud, Pune 2022
Diploma | Diploma - Electronics & Telecommunication Engineering | MSBTE | Percentage: **77.24 / 100**

Kai Dada Raw Karad Vidhaylay, Ambagogai, Latur 2019
10th | Maharashtra state Board | Percentage: **77 / 100**

PROJECTS

fume recognition using intelligent chamber analyzation system 14 Sep, 2022 - 22 Nov, 2023
Mentor: Dr. Aaysha Butaliya | **Team Size:** 3

Key Skills: Web Development Machine Learning Sensors Arduino UNO

Project Link: https://abhivruddhi.mituniversity.ac.in/wp-content/uploads/2023/08/FRICAS-National-Conference-IEEE.pdf

Our project aims to tackle the lack of management of chambers to prevent accidents and deaths. The proposed solution involves allowing citizens to register on a website and implementing a predictive model to determine when chambers will get clogged. This solution includes five modules and requires integrating logic, technology, time limits, and available skill sets. smart manhole detection system concept focuses on analysis, monitoring, and detecting critical situations in sewage chambers and drainage. It aims to provide a safer working environment for workers and addresses the need for real-time data monitoring and remote access to information. The system uses sensors like humidity sensors, floating sensors, and gas sensors with an Arduino Uno board to reduce human inaccuracies and alert administrators in real-time about blockages and other critical situations.

CROP MONITORING AND CONTROLLING SYSTEM 11 Oct, 2021 - 21 May, 2022
Mentor: Prof. Manjusri Josi | **Team Size:** 3

Key Skills: Arduino UNO Sensors 8051 Microcontroller

Project Link: https://ijsrem.com/download/crop-monitoring-and-controlling-system/

The goal of the concept is to domesticate and nurture exceptional climatic situations primarily based totally flora (for e.g.: strawberry, saffron) with inside the exceptional area. So one can reap this, we've got put together a crop tracking and controlling device on the way to assist us to develop such flora in exceptional areas and screen, thus their boom. The creation of greenhouse technology has become maximum critical and most extensively used component in everyday lifestyles because of the reality greenhouse surroundings protects plant life from unwanted environmental situations and offers properly favored situations for developing below controlled ecosystem. The most important reason of this paper is to suggest effective technique for crop tracking in agricultural, which shows the direction to rural farming network to update conventional crop cultivation strategies. The offered machine efficiently video display units and controls the inexperienced residence parameters of critical importance.

PUBLICATIONS / RESEARCH / WHITE PAPERS

CROP MONITORING AND CONTROLLING SYSTEM
08 Aug, 2022

IJSREM | **Mentor:** Prof. Manjusri Josi | **No. of Authors:** 4

Key Skills: Arduino UNO   8051 Microcontroller   Sensors

The goal of the concept is to domesticate and nurture exceptional climatic situations primarily based totally flora (for e.g.: strawberry, saffron) with inside the exceptional area. So one can reap this, we've got put together a crop tracking and controlling device on the way to assist us to develop such flora in exceptional areas and screen, thus their boom. The creation of greenhouse technology has become maximum critical and most extensively used component in everyday lifestyles because of the reality greenhouse surroundings protects plant life from unwanted environmental situations and offers properly favored situations for developing below controlled ecosystem. The most important reason of this paper is to suggest effective technique for crop tracking in agricultural, which shows the direction to rural farming network to update conventional crop cultivation strategies. The offered machine efficiently video display units and controls the inexperienced residence parameters of critical importance.

Fume Recognition using intelligent chamber analyzation system
25 Feb, 24

IIP Series | **Mentor:** Dr. Aaysha Butaliya | **No. of Authors:** 4

Key Skills: work on sensers   work on the web pages   resarech paper   Real time testing

Our project aims to tackle the lack of management of chambers to prevent accidents and deaths. The proposed solution involves allowing citizens to register on a website and implementing a predictive model to determine when chambers will get clogged. This solution includes five modules and requires integrating logic, technology, time limits, and available skill sets. smart manhole detection system concept focuses on analysis, monitoring, and detecting critical situations in sewage chambers and drainage. It aims to provide a safer working environment for workers and addresses the need for real-time data monitoring and remote access to information. The system uses sensors like humidity sensors, floating sensors, and gas sensors with an Arduino Uno board to reduce human inaccuracies and alert administrators in real-time about blockages and other critical situations.

ASSESSMENTS / CERTIFICATIONS

Java Business Application Training

Aggregate: 85 / 100
Subjects: java (85 / 100)

Key Skills: Java

I successfully completed Java Business
Application test organized at MIT Art Design and Technology University, Pune by TY Classteacher
with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam,
conducted remotely from IIT Bombay, is a pre-requisite for completing this training.
LY Classteacher from MIT Art Design and Technology University, Pune invigilated this examination.
This training is offered by the Spoken Tutorial Project, IIT Bombay

SEMINARS / TRAININGS / WORKSHOPS

Java Business Application **Institute Name:** MIT Art Design and Technology University
03 May, 2024 - 03 May, 2024

Key Skills: Knowldege about java   project   codeing

I successfully certify Java Business Application test organized at MIT Art Design and Technology University, Pune by TY Classteacher with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. LY Classteacher from MIT Art Design and Technology University, Pune invigilated this examination.
This training is offered by the Spoken Tutorial Project, IIT Bombay.

FIGMA ORINATAION
03 Mar, 2023 - 04 Mar, 2023

Institute Name: MIT Art, Design and Technology, Pune

Key Skills: FIGMA   Web Application Security

we attended introduced to the powerful design tool Figma, which is widely used for interface design and prototyping. During the orientation, learned how to use Figma for creating wireframes, designing interactive prototypes, and collaborating in real-time with team members. Key features like Figma's vector editing tools, component system, and collaborative design capabilities were explored, helping understand how to streamline the UI/UX design process. The session likely provided hands-on experience with designing responsive layouts and utilizing design libraries, making Figma an essential tool in your design toolkit.

PERSONAL INTERESTS / HOBBIES

- Traveling to New Places, Gaming, Arts and Crafts, Music, Video editing.

WEB LINKS

- Github - https://github.com/Mousam12345
- Personal - https://6672fa3570b58f49829eb410--spectacular-fenglisu-d89d26.netlify.app/

PERSONAL DETAILS

Gender: Female
Marital Status: Single
Current Address: MIT ADT UNIVERSITY, Pune, Maharashtra, India - 412201

Date of Birth: 25 May, 2003
Known Languages: English, Hindi, Marathi, Spanish, Korean
Permanent Address: Rameshwar rui, latur, Latur, Maharashtra, India - 413511
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