Mausamkumari Thakur

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in https://www.linkedin.com/in/mausamkumari-thakur-81471b291/

BRIEF SUMMARY

Motivated and detail-oriented B.Tech IT graduate with a foundation in Python, OS concept, along with hands-on experience in software development and manual testing. Skilled in applying object-oriented programming, problem-solving, and structured documentation to real-world projects. Eager to begin a career and contribute to high-quality software products, and continuously learn in a professional environment.

EDUCATION

Bachelor of Technology   08/2021 – 07/2025
MIT ADT Univerity   Pune, Maharashtra

Diploma   07/2019 – 07/2021
MIT WPU University   Pune, Maharashtra

SKILLS SUMMARY

Programming
Python, Java, Pandas, NumPy (basic data handling).

Web Basics
HTML, CSS, JavaScript

Fundamentals
- Data Structures & Algorithms
- Object-Oriented Programming (OOP)
- DBMS & SQL
- Operating Systems basics
- Computer Networks basics

Software Development
- SDLC (Software Development Life Cycle)
- Debugging & Troubleshooting
- API basics
- Version Control (Git)

ACHIEVEMENTS & ACTIVITIES

AWS Certified Cloud Practitioner

Published 2 research paper
IJSREM

Hackathon project
Fume Recognition Using Chamber Analysis (IoT + Web Portal)

Active in technical webinars and project exhibitions

PROJECTS

Optimal Sewer Management System
(IoT, ML, Arduino)
- Created an IoT-based predictive model using sensors and ML for sewer overflow prevention.
- Improved worker safety by enabling real-time alerts and reducing manual monitoring.

API Testing - Postman + Python
(Postman, Python Requests, JSON)
- Designed and executed API test suites (GET, POST, PUT, DELETE).
- Used Python's requests library for automation of API validation.
- Performed response validation (status code, body, headers).
- Reported bugs in JIRA and documented all test cases.

Student Management System

- Developed a menu-driven C++ application using object-oriented programming concepts to manage student records with file-based data storage.
- Add, View, Search, Update student details.