Tashvi Jain

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SUMMARY

Passionate 3rd-year Computer Science student at MIT ADT University with strong problem-solving skills and a drive for innovation. Proficient in software development, data structures, and blockchain technology. Adaptable, detail-oriented, and dedicated to leveraging technology for impactful solutions in collaborative environments.

EDUCATION

MIT Art Design and Technology — Pune, MH
Bachelor of Technology in Computer Science — *Aug 2022 – May 2026*

M.S.S Public School — Kishangarh, RJ
High School Education — *Apr 2010 - May 2022*

PROJECTS

Vehicle Monitoring System using Raspberry Pi — June 2023 – Present
Python, OpenCV, TensorFlow, YOLO-V8, CV Zone

- Built a real-time vehicle monitoring system using Python, OpenCV, and YOLO-V8 on Raspberry Pi, achieving a 90% accuracy in object detection and tracking.
- Utilized Raspberry Pi for real-time data processing and monitoring.
- Integrated hardware components with the software system.

Med Vault - Medical Record System — Sept 2024 – Present
Encryption Algorithms, APIs for Healthcare Integration

- Developing Med Vault, a medical record system, ensuring 100% data integrity and secure access control using encryption algorithms.
- Centralized platform for storing and accessing patient medical records.
- Provides patients with control over their medical data access and sharing permissions.
- Enables data exchange between healthcare providers, improving care coordination.

CERTIFICATION AND ONGOING COURSES

Introduction to Front-End Development — Apr 2024
- ∗ **Issued Organization**: Meta
- ∗ **Relevant Skills** Html, CSS, JavaScript, Responsive Design

Python Programming Certificate — Dec 2023
- ∗ **Issued Organization**: IIT Bombay Spoken Tutorial
- ∗ **Relevant Skills**: Python syntax, data structures, basic algorithms

Python 100 Days Pro Bootcamp Certificate — Oct 2023
- ∗ **Issued Organization**: Udemy
- ∗ **Relevant Skills**: Python programming, web development, data analysis, automation

Introduction to Data Science — Ongoing
- ∗ **Issued Organization**: Udemy
- ∗ **Relevant Skills**: Data Science, Python Programming, Cloud Databases, SQL, Relational Database Management System (RDBMS)

TECHNICAL SKILLS

Languages: Html, CSS, JavaScript, C++ (OOP,STL), Python,MYSQL,MongoDB
Developer Tools: GitHub, VS Code, Visual Studio
Libraries: pandas, NumPy, Matplotlib, OpenCV