ADITI SUHANE

Pune | +91 7470831520 | aditisuhane2@gmail.com | https://www.linkedin.com/in/aditi-suhane-a26ba32a8/

SUMMARY

Motivated and detail-oriented B.Tech Information Technology student at MIT ADT University, Pune, with a strong academic background and practical experience in software development. Proficient in Python, C++, Java, HTML, and MySQL, with a strong foundation in Data Structures and Algorithms (DSA). Demonstrated ability to apply technical skills to solve real-world problems through academic and funded projects. Maintains a consistent CGPA of 8.91 and is passionate about continuous learning, innovation, and contributing to impactful technological solutions.

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, HTML/CSS
- **Database:** MySQL
- **Tools & Frameworks:** VS Code, Git/GitHub
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming, Web Development, DBMS
- **Certifications:**
  - *Python for Beginners* (Coursera)
  - *Frontend Development Basics*
  - *Computational Thinking*, *Design Thinking*, *DSA* (Coursera)

EDUCATION

Bachelor of Technology (B.Tech), Information Technology
MIT ADT University, Pune | 2023 – 2027

- CGPA: 8.91 (First Year)

Higher Secondary (Class 12), CBSE
St. Paul Senior Secondary School, Katni | 68%

Secondary (Class 10), CBSE
St. Paul Senior Secondary School, Katni | 77%

PROJECTS

Fabric Defect Detection System
- Developed an AI-based system to detect and localize textile defects (e.g., holes, broken picks) using image datasets of 6,500+ images.
- Utilized advanced machine learning models including **YOLO**, and **RT-DETR** for real-time detection.
- Project funded by **CRIEYA** (₹5 Lakh) and supported by **Machine Math Technology** for industrial integration.
- Aimed to improve quality control in textile manufacturing processes through automation and real-time feedback.

ACHIEVEMENTS

- Maintained a consistent CGPA of **8.5+** throughout B.Tech IT.
- Successfully completed multiple **Coursera-certified courses** on programming and problem-solving.
- Secured funding and industry collaboration for an AI project during early undergraduate years.

EXTRACURRICULAR & LEADERSHIP

- **Volunteer**, *GeeksforGeeks & CodeChef*:
  - Supported event coordination, technical workshops, and campus-level coding initiatives.
- **Hackathon Participant**:
  - Actively participated in national and university-level hackathons and coding contests.
- **Workshop Enthusiast**:
  - Regular attendee of seminars and bootcamps focused on software engineering and innovation.

ADDITIONAL INFORMATION

- Passionate about AI/ML, software development, and community-driven tech initiatives.
- Quick learner with a collaborative spirit, eager to contribute to internships, research, or development roles.