

Aditya S. Thakare

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Academic Records :

Qualification	University / Board
PGD in Artificial Intelligence	ACTS, CDAC, Pune
B.E. Civil Engineering	Sinhgad Institute of Technology and Science, Savitribai Phule Pune University.
Higher Secondary Certificate	Pragat Secondary and Higher Secondary School, Ahmednagar.

Current position:

- Working as Researcher and Trainer in **MITU Skillologies, Pune**. From June 2023.

Technical Proficiency:

- Programming: Python
- Platforms: Ubuntu Linux
- Database: MySQL, DB2
- Data Analytics: PowerBI
- Web Development: Flask
- Machine Learning, Deep Neural Networks
- Data Analysis: Pandas, Numpy, Matplotlib, Seaborn, Keras, Tensorflow

Data Science Training Batches Conducted @ MITU Skillologies: 2

Python Batches Conducted @ MITU Skillologies: 1

Areas of research:

- Artificial Intelligence
- Data Science
- Machine Learning

- Data Analytics

Projects Carried:

- Detection of Hardhats and Safety Jackets In Work Environment (Year: 2023)
Used YOLO V7 and Pytorch to perform the detection of hardhats and reflective Jackets in the work environment for the safety of the employees. Also compared the results of this model with Faster RCNN.
- Generation of Electricity from Roads Using Piezo-Electric Sensors (Year: 2021)
Used Piezo-electric sensors in the road to generate electricity. Built a eco-friendly prototype which converted the mechanical energy generated by the vehicle into electrical energy.

Training Conducted:

- Three days student training program on "Python Programming" @ Pimpri Chinchwad Polytechnic, Pune, September 2023.
- Five days student training program on "Advanced Python Programming" @ Pimpri Chinchwad Polytechnic, Pune, September 2023.
- Three days student training program on "Python Data Analysis" @ Army Institute of Technology, Pune, October 2023.

Technical Blogs:

- MITU Skillologies Official Blog:
<https://mitu.co.in/blog>

Date: 21/10/2023

Place: Pune.

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