

# Aman Yadav

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## SKILLS

- **Languages:** Python, Java, JavaScript, Swift and C++
- **Frameworks:** Tensorflow, Pytorch, HTML and CSS
- **Tools/Platforms:** MySQL, MongoDB, OpenCV, Pandas
- **Soft Skills:** Leadership Skills, Problem-Solving Skills, Team Player, Adaptability and Critical Thinking

## SELF-PLACED COURSE

- **DSA Self-placed course by Geeks for Geeks:** Duration: Jun 2024-Aug2024
  - Learned about basic Data Structures like String, Array, Linked-List, Tree and Graphs
  - Learned about Algorithms to manipulate and extract information from these Structure
  - Practiced the methods to solve problems associated with these Data structures and algorithms
  - Practiced problem solving techniques like recursion, sliding windows, two pointer approaches Backtracking, Greedy Algorithm and Dynamic programming

## PROJECTS

- **Emotion Detector – Face Recognition:** Duration: Feb 2024 – April 2024
  - Fetching grayscale facial images from Kaggle.
  - Training pytorch NN layers on this image dataset with labels as sad, angry, happy and neutral
  - Using OpenCV for retrieving user facial expressions
  - Using Flask Application for web-app.**Tech:** Python, OpenCV, Pytorch, Flask and Pandas.
- **Sentiment Analysis – Natural Language Processing:** Duration: Jun 2024 - Aug 2024
  - Training tensorflow model using twitter data for sentmental analysis.
  - Using NLTK for natural language processing on data to feed in tensorflow model.**Tech:** Python, Tensorflow, NLTK and pandas
- **Anomaly Detection – BigMart Dataset:** Duration: Jan 2025- Mar 2025
  - Using IsolationForest for detecting anomaly in the given dataset.
  - Anomaly detection is use to find anomaly in the large datasets which have divergence from regularity.**Tech:** TensorFlow, Sciket Learn, Matplotlib and Pandas

## CERTIFICATES

- AI Foundation From IBM skill build. Duration: Jan 2024-Feb 2024
- Machine Learning by Intel Duration: Mar 2024-April 2024
- SoloLearn programing certifications in Python Core, SQL, C fundamentals, C++ Duration: Jan 2023 –Jun2023

## ACHIEVEMENTS

- **Campus Ambassador:**  
I acted as the Campus Ambassador of Coding Blocks for LPU.
- **NCC B Certificate:**  
Done nation camp for securing B certificate in NCC.
- **Ethglobal :**  
Participated in hackathon focused on building etherium based dapps.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 6:55* Since August 2022
- **Army Public School** Jalandhar Cantt, Jalandhar  
*Intermediate; Percentage: 94.2 %*