

Aman Yadav

Linkedin: aman-yadav-753590251
Github: github.com/Aman-Yadav-PY
X: x.com/AmanYad67421735

Email: amanyadav.37566@gmail.com
Mobile: +91-7743010604

SKILLS

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- **Languages:** Python, Java, JavaScript, Swift and C++
 - **Frameworks:** Tensorflow, Pytorch, HTML and CSS
 - **Tools/Platforms:** MySQL, MongoDB, OpenCV, Pandas
 - **Soft Skills:** Strategic Thinker, Creative, Visionary, Analytical Skills.

SELF-PLACED COURSE

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- **DSA Self-Paced 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 approachesBacktracking, Greedy Algorithm and Dynamic programming

PROJECTS

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- **Emotion Detector – Face Recognition:** Duration: Feb 2024 – April 2024
 - Fetched grayscale facial expression 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
 - Trained tensorflow model using twitter data for sentimental analysis.
 - Used NLTK for natural language processing on data, to be used in training tensorflow model.**Tech:** Python, Tensorflow, NLTK and pandas
 - **Anomaly Detection – BigMart Dataset:** Duration: Jan 2025 - Mar 2025
 - Used IsolationForest for detecting anomalies in the given dataset.
 - Anomaly detection is used to find anomalies in the large datasets which have divergence from regularity.**Tech:** TensorFlow, Sciket Learn, Matplotlib and Pandas

CERTIFICATES

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- 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:**
Participated in national camp for securing B certificate in NCC.
- **Ethglobal :**
Participated in hackathon focused on building etherium based dapps.

EDUCATION

Lovely Professional University	Punjab, India
<ul style="list-style-type: none">• <i>Bachelor of Technology - Computer Science and Engineering; CGPA: 6:73</i>	<i>Since August 2022</i>
Army Public School	Jalandhar Cantt, Jalandhar
<ul style="list-style-type: none">• <i>Intermediate; Percentage: 94.2%</i>	<i>2021 - 2022</i>
Army Public School	Jalandhar Cantt, Jalandhar
<ul style="list-style-type: none">• <i>Matriculation; Percentage: 94.48%</i>	<i>2019 - 2020</i>