

# Sakshi Tanwar

Linkedin: Tanwar-S

Github: Tanwar-12

Email: tanwarsakshi1717157@gmail.com

Mobile: 91-7015538512

## OBJECTIVE

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Currently looking for roles as a Data Scientist, AI/ML Engineer, Machine Learning Engineer, or Python Developer to apply my skills in machine learning, analytics, and Python development.

## EDUCATION

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- Kurukshetra University Kurukshetra** Kurukshetra, Haryana  
*Bachelor of Technology - Computer Science and Engineering; Percentage: 72.51* *July 2017 - June 2021*

## SKILLS SUMMARY

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- Languages::** Python, SQL
- Frameworks and Web Technologies::** Django, Flask, HTML, CSS3, JS
- Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow, Keras, Regex, Pytorch, Pyspark
- Platforms:** Jupyter Notebook, Google Colab, Windows, Pycharm, Visual Studio,
- Domains and Data Visualisation::** Data Analysis, Machine Learning, Deep Learning, NLP, Image Processing, Artificial Intelligence, Tableau, PowerBI

## EXPERIENCE

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- Data Science Consultant - Rubix** Bengaluru  
*Data Scientist* *April 2022 - October 2022*
  - : Successfully executed multiple capstone and client projects, employing advanced analytical techniques to identify trends and patterns within datasets.
  - : Applied machine learning methodologies to develop predictive models tailored for diverse business applications, enhancing decision-making processes and contributing to project success.

## PROJECTS

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- Utilising Machine Learning to Enhance Employee Performance Evaluation**: (The goal is to make a trained model that can predict employee performance based on factors as inputs.) Performed EDA to identify the top factors affecting employee performance. Used ensemble techniques to achieve 98% training and 95% testing accuracy. Application used in the HR department to hire employees.  
Project Link
- Real-time German Traffic Sign Detection Using YOLOv5**: (Developed a real-time traffic sign detection system for the German road network using YOLOv5.) Trained on 4290 images in 39 classes of German traffic signs. The system can accurately detect and classify traffic signs in real-time video streams. Aimed to improve road safety.  
Project Link
- Automated Malaria Detection and Classification Using Deep Learning**: (Developed and implemented a machine learning model to predict semantic equivalence of question pairs on the Quora platform.) Used Keras text processing to convert text data into numerical vectors. Created two separate LSTM models and concatenated their outputs. Achieved 75% training accuracy in detecting semantically equivalent questions.  
Project Link

## CERTIFICATIONS

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- IABAC: Certified Data Scientist**  
Link:
- IABAC: Data Science Foundation**  
Link:
- Datamites: Certified Data Scientist**  
Link:
- AIDM: Web Designing**  
Link:

## LANGUAGES

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- English
- Hindi

## CAREER GAP: 2023-2025

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- UPSC CSE Preparation