

# Shantanu Manik

## AI/ML Engineer

As an emerging professional in data analysis and AI development, I bring a genuine eagerness to learn and contribute. Excited to apply my skills and evolve with the ever-changing landscape of data and AI technologies.

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📍 New Delhi, India

## WORK EXPERIENCE

### Associate EY GDS

07/2023 - Present

#### Achievements/Tasks

- Creation of machine learning model for prediction and data analysis using supervised learning to understand and report the findings.
- Creation of flask app for integration of multiple AI APIs and using them to provide translations and their confidence scores along with multi-file format support.
- Creating custom dataset as well as training computer vision models (such as YOLO) for detecting defect and fake packaging along with barcode detection connected with a DB.
- Creation of flask apps to handle payloads in multi format (such as form-data, JSON objects, etc.).
- Got a couple of Spot awards for my tasks.

### Intern India Meteorological Department

06/2022 - 08/2022

#### Achievements/Tasks

- Creation of database on District wise Normal rainfall data based on 1970-2020 for whole India at India Meteorological Department, New Delhi.
- Automatic Creation of year wise Database on District wise actual Daily rainfall data for whole India at India Meteorological Department, New Delhi.
- Creation of front end GUI system for downloading, Uploading, Viewing, filtering and exporting the district wise rainfall data as per user preference using SQL and Python.

## EDUCATION

### B. Tech. SRM University

07/2019 - 05/2023

CGPA 9.22

#### Courses

- Computer Science Engineering

### Class 12 Army Public School Dhaula Kuan

04/2018 - 05/2019

90.8%

#### Courses

- PCM (Physics Chemistry Maths)

## SKILLS

Python

Data representation

Software developer

Machine Learning

PostgreSQL

Problem Solving

Data Analysis

Prompt Engineering

Computer Vision

Cloud Foundry

SAP AI Core

## PERSONAL PROJECTS

Creation of GANs model to colorize black and white photos to colored photos and using tkinter as front end GUI. (01/2023 - 04/2023)

## CERTIFICATES

EY Bronze Badge in AI Engineering (11/2023 - 04/2024)

*A badge given on completing 70 hrs in learning and 35 hrs on hand experience on AI related work.*

EY Bronze Learning Badge in Applied AI  
(01/2024 - 03/2024)

*A badge given on 45 hrs on learning on AI and its application.*

EY Bronze Learning in SAP Foundation  
(01/2024 - 03/2024)

*A badge given on 45 hrs on basics of SAP applications.*

Microsoft Azure AI fundamentals (AI-900)  
(10/2023 - 10/2023)

Python in AI engineering (11/2023 - 12/2023)

ChatGPT and its uses in AI engineering  
(10/2023 - 11/2023)

Complete Python Bootcamp (07/2022 - 12/2022)

Web Development (01/2022 - 06/2022)

## LANGUAGES

English

*Native or Bilingual Proficiency*

Hindi

*Native or Bilingual Proficiency*

Bengali

*Native or Bilingual Proficiency*

## INTERESTS

Sports

Movies

Novels

Video Games