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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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.).
- Research and designing of AI/ML workflows and architecture and improvement of already existing AI powered applications.
- Creation of ML application by refining BERT for sentiment analysis and escalate response based on sentiment.

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