



Prince Choudhary

DATA SCIENTIST

About Me

- My voyage into the world of data science was motivated by the sheer power of data. Just like many others, my early interest was in web programming.
- My interest in data science began when I got in touch with data analysts at my workplace.
- I am aware of my love for data science but my main area of interest is machine learning. I'm seeking a job as a data scientist, machine learning engineer, artificial intelligence engineer or data analyst.

My Contact

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Technical Skills

language & frameworks

- Python
- Django, Flask
- HTML, CSS, Bootstrap
- SQL, NO-SQL

Algorithms

- Linear Regression
- Ridge, Lasso, Elastic Net
- Logistic Regression
- Decision Tree
- Random Forest
- Ensemble Learning
- Adaboost
- Neutral Network
- CNN
- RNN

Libraries

- Scikit-Learn
- TensorFlow, Keras
- Numpy, Pandas
- Matplotlib, Seaborn

Education Background

- 2018-2021
Bachelor Degree in EEE
Completed my Engineering in EEE branch from MVJ College of Engineering
- 2015 - 2017
Diploma in EEE
Completed my Diploma in EEE branch from BSF-IT Engineering

Professional Experience

March - May 2022 Full Stack Developer - Intern

SUREBOT TECHNOLOGY SOLUTION

Key responsibilities:

- Development of REST API's.
- Creating Front end for Web app.
- Integrating API with frontend

Projects

Shopping Hub (https://youtu.be/TcPWod_mKJY)

Description:

- E-commerce platform, With cutting-edge technologies like Machine learning, Deep learning, Generative AI and computer vision.
- Image-Based Product Search with Deep & Machine learning (ResNet50 and nearest neighbour)
- Try-On Feature with Computer Vision (MediaPipe).
- Design Your Own Clothes with Generative AI (Stable Diffusion)

AI-Powered Project Food Hub (<https://youtu.be/inn7iNcB7U4>)

Description:

- An innovative project that leverages machine learning, deep learning and transformer techniques to provide a comprehensive food-related experience.
- Predicts dishes based on food preferences (ML algorithm used -Random Forest), Find similar dishes (with Cosine Similarity)
- Classifies food images that provide the name of the dish (DL algorithm used - Convolution neural Network)
- Generates personalized recipes from the given ingredients (Model used -Transformer)

HRMS (Python & Django Rest API)

Achievements

Published a Paper in IEEE

Published a general paper in IEEE on Automatic Irrigation System. during International Conference on design innovation.