

PRAKERLA TEJASWINI

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PYTHON DEVELOPER

Uppuluru , Vijayawada 521151



SUMMARY

Experienced in Python Developer with 2year expertise in Python, Pandas, and NumPy for data manipulation and preprocessing. Skilled in extracting insights from complex data sets and collaborating with diverse teams to implement data-driven solutions. Detail-oriented and committed to delivering exceptional work in data engineering and machine learning tasks.

EDUCATION

BTech in Electronics and Communication Engineering
Usha Rama College of Engineering & Technology
2018 – 2022
Intermediate
NRI Junior College(2016– 2018)

SKILLS

- ♦ **Programming Language:** Python, HTML, CSS.
- ♦ **Python Libraries & frameworks:** NumPy, Pandas, Matplotlib, SciPy, Seaborn, Flask, SQL
- ♦ **Machine learning:** ML Algorithms, Feature engineering, Model Evaluation, Exploratory Data Analysis, Data Visualization, NLP (Natural Language processing), Model Building

CERTIFICATIONS

- ♦ **Hacker Rank** Certificate on Python.
- ♦ Python & ML Certified by (Great Learning, Pantech E Learning)
- ♦ AI Tools Mastery Certified by (be10x)

PROFESSIONAL EXPERIENCE

Ascend International US

PYTHON DEVELOPER

July2022-May2023

PROJECTS

SWWOON

Dec2023-OnGoing

- ♦ Involved in the Genomic SNP Risk Prediction and Nutrigenomic Recommendations program, employing a wide array of machine learning methods to predict genetic predispositions to health conditions and offer personalized nutrition and fitness guidance, all derived from in-depth analysis of Whole Genome Sequencing (WGS) data.

Pan Card Feature Extraction:

July2023 –Nov2023

- ♦ I have advanced skills in extracting and securing thumbprint data from PAN cards, specifically using Fast API to store the information directly into databases. My expertise focuses on maintaining high precision in data handling and strict compliance with privacy laws, while streamlining PAN card processing workflows.

Flight Price Prediction

April2023-June2023

- ♦ I designed and put into action a machine learning-powered flight price prediction system that takes into account variables such as departure and arrival locations, airlines, and travel dates. This system was seamlessly integrated into a user-friendly Flask web application, offering precise fare estimates and enriching the booking process for users

Emotion Detection Using CNN

Jan2023–March 2023

- ♦ I have worked on using OpenCV and Deep Learning techniques, especially CNN, to detect emotions in babies, including 7 different emotions such as joy, sorrow, anger, surprise, etc