Pullolla Panidhar

Entry Level Job Seeker

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SUMMARY

Enthusiastic and results-driven professional seeking opportunities to contribute to an organization's success while continuously enhancing my skills and knowledge. Passionate about leveraging analytical and technical expertise to drive efficiency and innovation. Adaptable and eager to take on new challenges in a dynamic work environment.

EXPERIENCE

Data Science Internship

edureka 02/2024 - 04/2024 Hyderabad

- Assisted in **data collection, cleaning, and preprocessing** to ensure high data quality.
- Conducted **exploratory data analysis (EDA)** to identify patterns and insights.
- Worked with **Python, SQL, Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, etc.**
- Developed and implemented **ML models** for predictions, improving [metric] by **X%**.
- Gained solid understanding of **supervised, unsupervised, and reinforcement learning algorithms** through academic and personal projects.
- Studied **model evaluation techniques** such as cross-validation, confusion matrix, precision, recall, F1-score, and ROC-AUC.
- Learned key **feature engineering** techniques, including encoding categorical variables, feature scaling, and dimensionality reduction (PCA, t-SNE).
- Familiar with **bias-variance tradeoff**, regularization (L1, L2), and techniques to prevent overfitting.
- Explored core algorithms including **linear regression, logistic regression, decision trees, random forests, SVMs, k-NN, and k-means clustering**.
- Understood the mathematical foundations of ML, such as **gradient descent**, loss functions, and optimization techniques.
- Studied **time series forecasting methods**, including ARIMA, moving averages, and exponential smoothing.
- Explored **deep learning concepts**, including neural networks, activation functions, backpropagation, and CNN/RNN architectures.
- Learned to evaluate and improve model generalization using **hyperparameter tuning** techniques like grid search and randomized search.

Projects

- Life Expectancy Prediction using Machine Learning Projects on Regression with Python. The main objective of project is to predict life expectancy of a person using machine Learning.
- EDA on car sales price prediction. The main objective of the project is to predict and analyze features related to car operations.
- Rice crop disease detection and pesticides recommendation. The main objective of the project is to take pictures of the Agriculture field and using image processing algorithms like CNN(convolution neural network) Algorithm to predict the health of the crop and tell us the necessary action to be taken to increase the yield of the yield.

EDUCATION

Bachelor of Technology in Computer Science — 7.69

Anurag University

08/2019 - 03/2023

Intermediate — 9.3

Impulse Junior College

07/2017 - 05/2019

10th — 9.0

Vijay High School

06/2016 - 04/2017

KEY ACHIEVEMENTS

Technical skills

Problem-Solving

Identified and resolved process inefficiencies

Adaptability

Directed cross-functional teams to successfully implement

Leadership

Executed 1200+ test cases across multiple releases

Communication

Driving alignment and informed strategic decision-making

SKILLS

- **Python**
- **Machine Learning**
- **SQL**
- **Power BI**
- **Deep Leaning**
- **Excel**

CERTIFICATION

Data Science Program (Certificate of Excellence)

Data Analysis with Python (IBM)

Programming Essentials in Python

Oxford Achiever (Certificate of Merit with CEFR Level B2)

Qlik Data Literacy Certification

AWS Academy Cloud Foundations course

HOBBIES

Drawing and Painting

Meditation

LANGUAGES

- English - *Full Proficiency*
- Telugu - *Full Proficiency*
- Hindi - *Less Proficiency*