UTLA TARUN

AI Developer | Machine Learning Engineer
tarunutla1234@gmail.com | +91 9381713688 | DOB - 15 Aug, 2002

SKILLS

PROGRAMMING

Languages

- **Advance:** Python
- **Intermediate:** Java
- **Novice:** JavaScript

Tools

- GIT ● GitHub ● VSCode ● ChatGPT

Databases

- PostgreSQL

Data Analysis and Machine Learning

- Scikit-Learn
- Matplotlib
- Pandas
- NumPy

Framework

- Django
- Bootstrap

EDUCATION

B. Tech, CSE
Bapatla Engineering College
2020-24 | Bapatla
CGPA: 8.94

Intermediate, MPC
Chakradhar Junior College
2018-20 | Srikakulam
Percentage: 92.8%

SSC
Vignan English Medium School
2017-18 | Pathapatnam
Percentage: 97.0%

LANGUAGES KNOWN

• English • Hindi • Telugu

LINKS

Github:// Tarunutla15
LinkedIn:// u-tarun
LeetCode:// tarun_u08
Hackerrank:// tarunutla1234

EXPERIENCE

T-Machine Software Solutions Pvt Ltd Intern | Jan 2024- Present

AI Developer Machine Learning and AI Development

- Led the development of AI models for the SmartAgile project to monitor and analyze user activities, enhancing productivity tracking.
- Collaborated with frontend teams to integrate AI-generated insights into React-based dashboards, improving user engagement and data visualization.
- Managed data handling for AI algorithms with PostgreSQL, ensuring efficient data retrieval and storage for scalable solutions.

Plasmid Innovation Intern Part-Time | Feb 2024 - Apr 2024

Online Payment Fraud Detection Machine Learning

- Engineered and deployed high-performance machine learning models (e.g., logistic regression, random forests) achieving good accuracy for real-time fraud detection within a large-scale transactional system
- Processed and cleaned large-scale transactional data using Pandas for ensuring data quality and integrity for subsequent analysis.
- Applied techniques like PCA (Principal Component Analysis) to reduce data complexity and improve computational efficiency.

PROJECT(S)

Bitcoin Price Prediction Python | DL | Machine Learning

Problem: Developed Bitcoin price prediction model addressing data volatility and overfitting. Utilized data smoothing and feature selection techniques for improved accuracy.

- Applied techniques such as moving averages and exponential smoothing to filter out noise.
- Implemented regularization techniques such as dropout and L2 regularization.
- Implemented time series-specific model like LSTM that are designed to handle sequential data and temporal dependencies..

URL Shortner Django | PostgreSQL

- Implemented functionalities for user input, URL processing, and redirection using Django views and models.
- Utilized Django's database functionalities for storing shortened URLs and their corresponding original URLs.

CERTIFICATIONS

Python Essentials : By CISCO
Python Basic : By Hackerrank
Full Stack Java : By Wipro Talent Next
Intro to Python : By Microsoft
AI Foundation : By Wipro FutureSkills