Parvez Shaik

 Parvez   Parvez Shaik ✉ shaik.parvez2002@gmail.com 📱 +91 8179460203

EDUCATION

Vellore Institute of Technology, Bhopal	Sep 2020 - June 2025
Int.Mtech(CSE)AI-ML	***CGPA: 8.58***
Narayana IIT Academy, Vijayawada	May 2019
Class XII	***Percentage: 82***
Surya Vidyanikethan, Giddalur	May 2017
Class X	***CGPA:10***

CERTIFICATIONS

- HTML, CSS, JavaScript for Web Developers, Plural sights Practitioners, Nov 23
- High performance coding in advanced DSA (Iam neo2024)

SKILLS

Languages: Python, SQL, R, Machine Learning, Java
Tools: Kera's, R studio, Tensorflow, Caffee, Jupyter notebook, VS Code, PyCharm, Tableau

PROJECTS

Image captioning system with GenAI | *Python, CNN, LSTM, RNN, Kera's, NLP*   Feb 24 – Apr 24
- Developed an image captioning system leveraging deep learning, machine learning, and computer vision, context-based annotations for images, improving descriptive accuracy by 96 percent.
- Utilized matrix operations to optimize data processing, enhance feature engineering, and accelerate model evaluation, improving computational efficiency and accuracy in machine learning workflows.
- Employs pre-trained models like VGG16, ResNet for feature extraction, significantly reducing training time and improving performance.
- Link and Results: https://github.com/shaparve/Image-caption-generator

Stock market prediction | *Jupyter notebook, python, Machine learning, Data visualization*   Aug 22 – Oct 22
- Applied statistical methods to analyze historical stock market data and forecast future price trends, enabling data-driven investment decisions on stock buying, selling, and holding strategies.
- Implemented advanced machine learning models such as Linear Regression, SVM, and Neural Networks to generate precise predictive insights, driving improved decision-making and outcomes.
- Improved prediction accuracy and reduced overfitting by integrating multiple models through ensemble techniques, including Bagging, Boosting, and Stacking, resulting in more robust machine learning outcomes.
- Link and Results: https://github.com/shaparve/Stock-market-prediction

Asteroids Classification Using KNN | *Python, Deep learning, KNN*   Sep 23 - Dec 23
- Utilized the K-NN algorithm for asteroid classification by calculating distances in multi-dimensional space, enabling accurate categorization and improved analysis of celestial data.
- Efficiently managed multi-dimensional feature spaces to integrate diverse asteroid characteristics, enhancing the accuracy and depth of asteroid classification models.
- Accuracy is 95 percent
- Link and Results: https://github.com/shaparve/Asteroid-Classification-using-K-Nearest-Neighbors-KNN-

ACHIEVEMENTS

- Hackerrank in Python, GeeksforGeeks hackathon – Rank - 113, Geeks week-Locals, Python on Geeksforgeeks.
- Led regional club events at VIT University, competed in Madhya Pradesh state-level cricket selection, demonstrating competitive sportsmanship, State Kabaddi U16, 3 times cricket champions in Advitya.

LANGUAGES

English, Hindi, Telugu, Urdu