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, Apache spark, Bash, Java
Tools: Hive, Korn shell, MySQL, PySpark, Jupyter notebook, Tableau

Projects

Real-Time Log Analytics System | *Python, PySpark, MySQL, Bash, Tableau, Hadoop* — Feb 24 – Apr 24

- Developed a scalable real-time log analytics system using Big Data to process and analyze massive server logs for performance monitoring and security insights.
- Optimized SQL-based log querying with Hive and MySQL, reducing query execution time by 40 percent for faster incident response and troubleshooting.
- Automated log ingestion, parsing, and monitoring using Python and Bash, improving system reliability and reducing manual intervention.
- Designed real-time dashboards with Tableau, enabling live anomaly detection and alerting, improving security monitoring and system performance tracking.

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-

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

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