

# Parvez Shaik

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## 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

**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.

## 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