Prashasti Priya

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Education

VIT Bhopal University Bhopal, Madhya Pradesh
B.Tech, Major in Computer Science; Expected May 26
Cumulative GPA: 9.19/10

12th Standard
Gyanda International School Gopalganj, Bihar
CBSE Percentage: 87.8% July 21

10th Standard
Guru Nanak Fifth Centenary school Mussoorie, Uttarakhand
ICSE Percentage: 96.2% March 19

Projects

Stock Market price predictor Ongoing

- Currently building a Python-based machine learning project that utilizes the k-Nearest Neighbor (KNN) algorithm for predicting stock price trends based on historical data.
- Analyzing and processing the NSE-TATAGLOBAL dataset, which contains 1,236 rows and 8 columns, to extract meaningful insights and identify patterns in stock price fluctuations.
- Analyzed and visualized stock price movements through advanced techniques, creating over 25 informative plots that facilitated actionable insights, ultimately improving the team's responsiveness to market changes.

Auditorium booking website Aug-Nov 23

- Led frontend development using HTML, CSS, and JavaScript, enhancing user interactivity across multiple pages. Implemented login/logout functionality and optimized UI with advanced CSS techniques.
- Designed an intuitive navigation bar with 6 primary links, incorporating over 20 HTML tags; streamlined user interaction, improving access time by ~3 seconds per page load for better browsing efficiency.

Supermarket System Prolog Model Feb 22-March 22

- Developed a Prolog model for the Supermarket System processing over 1,000 daily transactions, enabling real-time billing updates to ensure accurate pricing when items were added or removed from carts.
- The system typically consisted of 4 main components: inventory, customer, order and payment.
  The model also consisted of 4 rules, 6 facts, 4 implicit queries, 6 variables, overall leading to 10 predicates.

Extracurricular

Android Club (Content team Lead) Nov 23 - till date

- Led content creation for 10+ events, boosting participant engagement by 20% through strategic planning.
- Mentored 5+ juniors in content writing, leadership, and event planning, increasing team productivity by 40%.

International English conference Nov 23

- Volunteered with event management team, handling documentation, record management, and coordinating with professors from 10+ states and 5+ countries, ensuring smooth execution for 200+ attendees.

Achievements

Lakecity Hack-2024 JLU Bhopal

- Awarded 1st Prize at the No Code Hackathon for proposing an assistive device for the deaf community.
- Proposed a wearable device leveraging Computer Vision and Natural Language Processing to translate hand signals into speech and spoken words into subtitles, enhancing accessibility through smart glasses.
- Demonstrated market potential with a detailed study: Total Addressable Market (TAM): $70B, Serviceable Available Market (SAM): $2.26B, and Serviceable Obtainable Market (SOM): $56.5M.

HackerRank

- **4star in C++ (silver badge):** Successfully tackled 20 challenging questions, placing a strong emphasis on Arrays, vectors, object-oriented programming, pointers, STL and other fundamental concepts.
- **3star in Python**: Successfully solved 20 questions that majorly focused on the fundamental concepts.

ADDITIONAL

- **Technical Skills**: C++, Python, Java, SQL, HTML, CSS, Tableau, Git