A V KARTHIKEYA

Analytical Thinker, Adaptive Learner, Collaborative Team Member

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🎓 Education

VNR VJIET	**2021** - **Present**
Bachelor of Technology (AI&DS)	*8.35*
Narayana Junior College	**2019** - **2021**
MPC	*98%*
Dilsukhnagar Public School	**2018** - **2019**
SSC	*9.8*

⚙️ Projects

The Use of Ontology for Effective Knowledge Modelling of Distributed Databases and information retrieval:
- Collaborated with my professor on his Ph.D. research project.
- Managed a dataset consisting of 40,000 samples.
- Effectively developed an ontology for the provided dataset using "Protégé."

Unveiling the Stars:
An exploratory study on NASA Astronauts **(Certificate)**
- The provided dataset comprises features including names, genders, educational backgrounds, space missions, and more.
- Python and MySQL were employed to perform operations like data cleaning, exploratory analyses, and information extraction.
- The aim is to acquire a deeper understanding of astronauts' demographic profiles, professional journeys, and achievements by applying descriptive statistics and visualizing the data.

🏀 Extra and Co-curricular Activities

- Coordinated an in-house "Smart India Hackathon" within the college, drawing participation from more than 100 teams and 600+ students. **(Certificate)**
- Supervised "VJ Hackathon", a nationwide event, with 1000+ teams and over 3000+ competitors.
- Led "Flashforte", an exclusive event designed exclusively for first-year students, which captured significant interest from over 1000+ participants.
- Managed a three-day bootcamp and a 24-hour Hackathon on "Python Application Development" in collaboration with Codegnan company for our department, attracting a total of 200+ attendees.
- Organized "Sherlock Code Breakers", a debugging contest that engaged 200+ participants.
- As an executive board member of Street Cause VNRVJIET, facilitated initiatives supporting a ZPHS school and a girls orphanage, making a positive impact on the lives of nearly 500+ individuals.
- Executed "Battle at the Greens", a debate and quiz competition, and "KnowinGit 2.0", a seminar on Git and Github, with participation from 200+ attendees.
- Hosted Coding and Poster designing competitions for our department through VJ Hackslash club.

🔬 Experience

- As part of an internship, conducted extensive research on both the Mitre Organization and Kali Linux, a platform equipped with more than 300 penetration testing and security tools.
- In the role of Presentation Specialist Intern at English Quest, created and delivered over 25 engaging and informative presentations."

📊 Skills

- ***Programming Languages*** - Python, R
- ***Libraries*** - Pandas, Matplotlib
- ***Graphic Design*** - Canva, Adobe Photoshop

📜 Certifications

- Elite certificate: Data Science for Engineers conducted by NPTEL. **(Certificate)**
- Certificate of Completion with Distinction: Intro to Climate Change and Sustainability by IUCEE Foundation. **(Certificate)**

📈 Achievements

- Earned a 5-Star Badge in Data Structures & Algorithms and Python Language on HackerRank.
- Got 14th place in a Coding contest conducted by VJ Hackslash.

🤝 Roles and Responsibilties

- ***Designing Head***
  CSI_VNRVJIET
  08-2023 to Present
  CSI VNRVJIET is a distinguished student chapter of the Computer Society of India in Hyderabad, widely recognized across the nation for its substantial presence and a robust membership of 750+ members.

- ***General Secretary***
  VJ CreatinAI
  05-2023 to Present
  VJ CreatinAI serves as the official departmental club, boasting a membership of more than 200 individuals, all of whom share a common dedication to the domains of Artificial Intelligence and Machine Learning.

- ***Documentation Head***
  VJ Hackslash
  07-2023 to Present
  VJ Hackslash stands as our departmental club, comprising a membership of over 250 individuals, dedicated exclusively to the field of coding.

- ***Documentation Head***
  Street Cause VNRVJIET
  07-2022 to 07-2023
  Street Cause VNRVJIET is a division of Street Cause, a nationwide non-governmental organization that is entirely student-run, with active student involvement from all across India.