Vemulapalli Bindu Swarupa

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Professional Summary

Energetic and enthusiastic learner with a flair for communication and collaboration. Combining empathy and passion for knowledge, I thrive in dynamic environments that foster innovation and growth. Eager to contribute to impactful projects and inspire others through meaningful interactions.

Education

Bachelor of Technology in Artificial Intelligence & Data Science
Lakireddy BaliReddy College of Engineering, Mykavaran
GPA: 9.37 / 10.0
Duration: September 2022 – 2026

XII Standard
Surya Junior College, Jangareddygudem
GPA: 8.95 / 10.0
Duration: June 2020 – April 2022

Technical Skills

- Programming Languages: C, Python, Java, Machine Learning (ML), Data Science (DS), Data Mining
- Web Technologies: HTML, CSS, JavaScript, Node.js
- Database Management: SQL
- Data Structures: Proficient
- Tools & Platforms: Postman, Power BI

Certifications

- Infosys Springboard (Java, HTML)
- Capgemini CyberSecurity Certification
- Cisco Python Essentials

Projects

Detecting Department by Using ID Tag Color with the Help of CNN (October 2024)
- Developed a system leveraging Convolutional Neural Networks (CNN) to identify departments based on ID tag colors.
- Implemented a model to extract features from tag images and map them to corresponding department codes.
- Ensured the system handles errors for invalid or unknown tag inputs.
- Applicable in corporate systems, university portals, and inventory management.

Paws and Palates (September 2023)
- An innovative pet store concept combining creativity and care.
- Offers premium products such as gourmet treats and stylish accessories for pets.
- Aimed to blend artistic ideas with practicality for pet owners.

Search Engine (Ongoing)
- Developing a cutting-edge search engine leveraging advanced algorithms to provide precise and speedy results.
- Features include personalized search and enhanced privacy controls.

Achievements

- Academic topper for the year 2024.
- Received a merit scholarship of ₹10,000.
- Secured 2nd prize in Brainstorm, a technical competition.
- Participated in a One-Day Hackathon on Data Science using Python.
- Presented a poster at Lakshya 2k23.
- Represented in Celestia hosted by VRSEC.

Leadership Roles

- Class Representative (CR): Currently serving as CR, representing and coordinating class activities.
- Student Coordinator: Prakruthi Club and One-Week Workshop on Data Science Using Python.
- Technical Coordinator: Spirit of AI.

Languages

- Telugu: Native
- English: Proficient

Hobbies & Interests

- Enthusiastic about environmental sustainability initiatives.
- Passionate about engaging in technical workshops and hackathons.
- Enjoys exploring waterfalls and nature-inspired photography.
- Watching mythological videos.
- Playing with pets.