NASIKA VINAY SAI KALYAN

GET IN TOUCH!

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SKILLS

- Python
- Problem Solving
- SQL
- DBMS
- HTML
- Javascript
- Programming
- Operating Systems
- Design Compiler

LANGUAGES KNOWN

English (Both)
Telugu (Both)

CERTIFICATIONS

- Smart Coder
- problem solving (Basic)
- python(Basic)

RESUME SUMMARY

Summary
I am a motivated Computer Science student specializing in Artificial Intelligence and Machine Learning, with strong problem-solving skills. My core expertise lies in Python programming, which I use extensively for Data Structures, Algorithms, SQL, and AI/ML projects.I am passionate about applying Python for building intelligent systems, competitive programming, and solving real-world problems efficiently.

PERSONAL DETAILS

Current Location	Hyderabad
Date of Birth	May 27, 2006
Male	

EDUCATION

Graduation

Course	B.Tech/B.E. (Computer Science Engineering)
College	BV Raju Institute of Technology, Medak
Score	9.2%

Schooling	Class XII	Class X
Board Name	Andhra Pradesh	Andhra Pradesh
Medium	English	English
Year of Passing	2023	2021
Score	95.4%	100%

PROJECTS

CodeCanvas: Crafting My First Responsive Campus Website | June 2025 - July 2025

- Designed and developed a responsive and accessible university website as a front-end project.
Built using HTML5, CSS3, and responsive design techniques, ensuring smooth performance across devices.
Created structured sections including About, Exercises, Campus, Facilities, Testimonials, and Contact to simulate a real university portal.
Implemented a mobile-friendly navigation menu, interactive layouts, and visually engaging components.
Focused on clean code, accessibility, and user experience to deliver a modern digital campus interface.
This project strengthened my web development fundamentals while showcasing my ability to build professional, user-centric web applications.

Context-Aware and Bias-Resilient VQA Systems | January 2025 - April 2025

- Designed and developed a Visual Question Answering (VQA) system aimed at enhancing media summarization and publishing workflows.
Integrated BLIP for image understanding and GPT-2 for bias-resilient text generation.
Implemented context-aware mechanisms to minimize bias and ensure fairness in AI-driven content.
Built and deployed an interactive Streamlit interface for real-time question answering and summary generation.
This project highlights my work at the intersection of AI, media, and fairness in automation, showcasing how context-aware models can improve both accuracy and inclusivity in publishing workflows.

Blood Bank Management System using Data Base Management System | April 2024 - May 2024

- Developed a Database Management System (DBMS) project to streamline blood donation and supply management.
Designed relational tables for Donors, Hospitals, Blood Banks, and Requests, ensuring efficient data organization.
Implemented SQL queries for donor search, stock availability checks, and hospital request tracking.
Added a trigger mechanism to automatically update blood stock when new requests are made.
Focused on data accuracy, availability, and real-time updates to improve healthcare resource management.
This project enhanced my expertise in SQL, triggers, and relational database design, while

showcasing how DBMS concepts can be applied to real-world healthcare systems.

online voting system in c language | December 2023 - January 2024

- Developed a simple Online Voting System as part of my first-year academic project using C language.
Implemented features for secure vote casting, candidate management, and result calculation.

Focused on data structures, file handling, and user authentication to simulate real-world voting processes.
Strengthened my foundation in C programming, problem-solving, and system design.
This project gave me hands-on experience in building structured programs and applying programming concepts to create a practical, real-world application.