

K Samba Shiva Reddy

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EDUCATION

RV Institute of Technology and Management, Bengaluru

Dec 2021 – June 2025

- Bachelor of Engineering in Computer Science, **CGPA: 8.01**

TECHNOLOGIES

Languages: HTML, CSS, JavaScript, C, C++, Python, Java

Relevant Course Work : DSA, DBMS,OOPS,CN,OS

Developer Tools: VS Code, Eclipse, PyCharm

Frameworks: Django

Databases: MySQL

WORK EXPERIENCE

Acmegrade, Web Development Intern

2023

- Developed a responsive calculator web application using HTML, CSS, and JavaScript.
- Applied core web development principles to build interactive UI and ensure cross-browser compatibility.

The Business Sentinel, Graphics Design Intern

2022

- Designed the digital layout for the article *"The Future of Fashion E-commerce"* using visual design principles.
- Enhanced readability and visual appeal through effective use of typography, color, and layout.

PROJECTS

College Event Management System

2024

- Developed a full-stack College Event Management System using PHP, MySQL, HTML, CSS, and Bootstrap to streamline event planning and student registrations.
- Implemented dynamic event registration, user-friendly UI, and efficient data management to meet college-specific requirements.

Academic Performance Tracker and Grade Point Calculator

2023

- Built a Django-based Academic Performance Tracker and Grade Point Calculator using Python, HTML, and CSS to manage student data and compute grades dynamically.
- Implemented secure login, user roles, multi-semester tracking, and data persistence using Django models and SQLite.

LRU Cache Visualizer

2022

- Developed an interactive LRU Cache Visualizer using C++ and OpenGL, simulating real-time cache operations with efficient data structures like doubly linked list and hash map.
- Implemented dynamic cache tracking and page replacement logic to demonstrate performance optimization and reduce page faults through visualization.

ACHIEVEMENTS

- **Solved 300+** coding problems on **LeetCode** and **GFG**, strengthening problem-solving and algorithmic skills.
- Completed "Programming for Everybody (Getting Started with Python)" course, gaining a strong foundation in Python programming basics.
- Completed "**Data Structures and Algorithms using C and C++**" course on Udemy, enhancing proficiency in core DSA concepts and problem-solving techniques.

EXTRA-CURRICULAR ACTIVITIES

- Received the **Green Campus Award** in 2023 for volunteering in the 100 School Green Campus Campaign.
- Served as an **Art of Living Seva Volunteer**, actively participating in community service and social impact initiatives.
- Contributed as an **NSS Camp Volunteer** in 2024, leading campus refurbishment efforts benefiting over 600 students.