




K Samba Shiva Reddy

Software Engineer | Web Developer | Machine Learning Enthusiast

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[GitHub](#) | [LinkedIn](#) | [LeetCode](#)

Education

Bachelor of Engineering in Computer Science

RV Institute of Technology and Management, Bengaluru

Dec 2021 – May 2025 | CGPA: 8.11

Technical Skills

- **Programming Languages:** C, C++, Python, Java, C#, JavaScript
 - **Web Development:** HTML, CSS, Bootstrap, JavaScript, Django
 - **Databases:** MySQL
 - **Tools & Frameworks:** VS Code, Eclipse, PyCharm, .NET, TensorFlow
 - **Other Skills:** Data Structures & Algorithms, Software Development Lifecycle (SDLC), Version Control (Git), REST APIs, Automated Unit Testing, Microservices, Containers
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Projects

1. Scrap It: Image-based Waste Identification

Technologies: Python, TensorFlow, HTML, CSS, JavaScript

Developed a web application that predicts waste type based on image classification, using machine learning models for automated sorting.

2. College Event Management System

Technologies: PHP, HTML, CSS, Bootstrap, MySQL

Built a system for managing college events, handling registrations, event details, and user authentication.

3. Academic Performance Tracker and Grade Point Calculator

Technologies: Django, Python, HTML, CSS

Designed a web-based tool for students to track academic performance and calculate GPA dynamically.

4. LRU Cache Visualizer

Technologies: C, Doubly Linked List, Hash Map

Implemented an interactive tool to visualize the LRU caching mechanism using data structures.

5. Forensic Face Sketch Construction and Recognition

Technologies: Python, OpenCV

Developing a system for reconstructing facial sketches and matching them against a dataset for recognition.

Certifications & Achievements

- **Programming for Everybody (Python) – Aug 2023**
- **Data Structures and Algorithms using C and C++ (Udemy, Sep 2023)**
- **Green Campus Award (2023)**
- **Art of Living Seva Volunteer (2023)**
- **NSS Camp Volunteer (2024)**

Internships & Experience

Machine Learning Intern – Varcons Technologies Pvt. Ltd (Oct-Nov 2023)

Worked on predictive analytics using Python and machine learning models.

Data Science Intern – Acmegrade (Nov 2023-Jan 2024)

Gained experience in data processing, visualization, and model building.

Graphics Design Intern – The Business Sentinel (Oct-Nov 2023)

Designed digital assets for marketing and branding purposes.

Areas of Interest

- Cloud Engineering
- Artificial Intelligence
- Web Development
- Security
- Operating Systems
- Database Management System
- Computer Network
- Problem Solving

Contact Me

For collaboration, job opportunities, or discussions, feel free to reach out via [LinkedIn](#) or email at sambashivareddy36@gmail.com.
