

**SAMBU SAIRAJU**Course : **B.Tech**, Computer Science, 2024

Email : sambusairaju@gmail.com

Mobile : 6302134219

PERCENT : 76

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Rajiv Gandhi University of Knowledge Technologies	TelanganaBoard of Intermediate Education (TSBIE)	88 %	2020
CLASS X	TelanganaState Model School	TelanganaBoard of Secondary Education (SSC)	97 %	2018

EXPERIENCE**Programmer, ACE Engineering****Oct 2024 - Mar 2025**

- Mentored 400+ students in Programming & Data Structures, Algorithms, Database Management, Operating Systems by providing tutorials and resolving doubts, contributing to a 20% improvement in student exam scores.
- Provided real-time debugging support to 50+ students per week, reducing common coding errors and improving student completion rates of programming assignments by 25%.
- Received an outstanding rating of 4.61 from students, demonstrating effective teaching and support abilities.

Intern, International Institute of Information Technology IIIT Hyderabad**Apr 2023 - Sep 2023**

- Contributed to the "Human Annotated Abstractive Summarization Dataset Creation" task by providing over 500 annotated summaries for the Telugu language, aiding in the development of NLP datasets for low-resource languages.
- Completed the "Introduction to NLP" course, acquiring foundational knowledge of Natural Language Processing techniques and their real-world applications.
- Worked in a research-driven environment, improving expertise in data annotation, abstractive summarization, and linguistic analysis for low-resource languages.

PROJECTS**Job-application - Web Development****Jan 2024 - Feb 2025**

- Developed an interactive and responsive job application frontend part of a website using modern frontend technologies such as HTML and CSS enhancing user experience.
- Designed and implemented a clean, professional responsive UI that aligns with industry standards, increasing usability and accessibility across both desktop and mobile devices. [Live Link](#)

Process-Scheduling-Simulator - System**Mar 2024 - May 2024**

- Developed a robust Process Scheduling Simulator to demonstrate and evaluate multiple CPU scheduling algorithms (such as FCFS, SJF, Round Robin, etc.) for effective resource management in an operating system environment.
- Implemented algorithms in C and Bash, optimizing the performance of simulated process execution and allowing real-time tracking of process states, CPU utilization, and scheduling efficiency. [Repo Link](#)

LEADERSHIP / EXTRACURRICULAR**Engineering**

- Cleared Level 1.1 at Flipkart GRiD 5.0 - Software Development Track Hackathon. [Certificate](#)
- Lead the team of five members to monitor Munugode Assembly constituency Bye-Election 2022 and successfully completed Webcasting duty at TelanganaState Election Commission Office. [Certificate](#)
- Our team has successfully Qualified for Round 2 of the Smart India Hackathon SIH 2023.
- Secured 3,438th rank out of 130,000 candidates in the TelanganaPOLYCET2018 examination.
- Completed Blockchain and its Applications Nptel Course. [Certificate](#)

VOLUNTEERING**National Service Scheme (NSS) - Role: Team Lead | Cause: Social Services****Jan 2020 - Dec 2020**

- Led social initiatives in Health Care, Environment, Education and volunteering.

SPIC MACAY - Role: Single point of contact (SPOC) | Cause: Arts and Culture**Jan 2019 - Jan 2019**

- I had to take care of the accommodation, transport, food and other needs of an artist who was assigned to me.

TECHNICAL SKILLS**languages / Tools/ Concepts****Mar 2025**

C, C++, HTML, CSS, Javascript, SQL, Java, Data Structures, Algorithms, git, git hub, Cloud Computing, Database Management.