

Perisetti Sai Ram Mohan Rao

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EDUCATION

Indian Institute of Information Technology, Raichur 2020 – 2024

Bachelor of Technology in Computer Science and Engineering

- **CGPA** : 7.64 (till 6th sem)
- **Relevant Coursework:** Design and Analysis of Algorithms, Data Structures, DBMS, Operating Systems, Introduction to Statistics, Introduction to Probability, Financial Markets.

Sri Chaitanya College 2017 – 2019

Mathematics, Physics, Chemistry, English, Sanskrit

- **GPA** : 9.88

Dr.K.K.r's Gowtham School 2017 – 2019

Xth Class

- **GPA** : 9.5

SKILLS

C/C++ | Python | Rust | Julia | Java | SQL | Machine Learning | Data Analysis | Javascript | NodeJS | Git

EXPERIENCE

Root(CERN) - Data Analysis Framework Feb. 2023 – June. 2023

Open Source Contributor Remote

- Worked on a new implementation of TTree which is RNTuple.
- The new implementation makes **25% smaller files and 3 times better single core performance.**

IIIT Raichur May. 2022 – July. 2022

Teaching Assistant Raichur

- **Mentored 50+** students in learning **C/C++ and Data structures**
- Took doubt sessions and resolved more than **100 doubts** in 4 months.
- Debugged code and helped students with their assignments and concepts.

PROJECTS

Turbo Drift

- Built a **1 v 1 online multiplayer car game** using **Unreal Engine and scripting using C++.**
- Created **Steam API's** to connect to online players and time based goal management is built.

GUI for Data structures

- Built graphical user interface for data structures using **C++ and Qt framework.**
- Visualizing the working of the operations of respective data structure.

Library Management System

- The application is created using **Rust, Rocket framework, Diesel framework and sql.**
- The application allows issuing and return of books and calculating fine if applicable.