

# SAMRAT D

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## SKILLS

**Programming languages:** Java • Python • JavaScript • C

**Frontend Development:** HTML • CSS • JavaScript • ReactJS • TailwindCSS

**Backend Development:** NodeJS • MongoDB • SQL • ExpressJS

**Miscellaneous:** DSA • Git • GitHub • Google Firebase • Linux • Machine Learning • DBMS

## EXPERIENCE

### HACKTOBERFEST 2023

10/2023

- **Hacktoberfest 2023 Winner** contributed 10+ pull requests across 5 **open-source** repositories.
- **Contributed** in multiple languages like Python and JavaScript (Vanilla, ReactJS).
- Developed and **refactored** the entire software environment, resulting in a **30%** increase in user satisfaction and performance.
- **Mastered** Git workflow and utilized Web Development skills like NodeJS and ReactJS to deliver impactful contributions.

## PROJECTS

### Student Hub

03/2023

*ReactJS, Google FireBase*

- Student Hub is an advanced student information management system, this system **boosted students engagement by 60%**. Facilitates Communication between students, staff and institution.
- Enhanced the features including Chat, Profile Management, Multimedia Sharing & Self-registration.
- This System **reduces more paper work** and improves **productivity** among students and institutions.

### Mushroom Classification

05/2023

*Machine Learning, Image Classification, IBM Cloud*

- Developed a robust machine learning model with a primary focus on the accurate classification of diverse mushroom types across various global regions.
- Achieved an impressive accuracy rate of **91.2%**, showcasing a high level of proficiency in machine learning model development and optimization.
- **Reduced the risk of accidental poisoning** by identifying edible and poisonous mushrooms, the system can help prevent accidental ingestion of toxic species.

## EDUCATION

**BACHELOR OF TECHNOLOGY – INFORMATION TECHNOLOGY**

**2020 – Expected 05-2024**

*CGPA – 8.02 / 10*

SRI RAMANUJAR ENGINEERING COLLEGE, CHENNAI – 127

## COURSE WORK & ACHIEVEMENTS

- Responsive Web Design | freecodeCamp.org
- JavaScript Data Structures and Algorithms | freecodeCamp.org
- Data Analysis with Python | freecodeCamp.org
- Artificial Intelligence Project | IBM
- JavaScript | GUVI