

# Sai Satwika Balivada

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## Education

### Bachelor of Technology

GMR Institute of Technology 🌐

2019 – 2023

**Department:** Computer Science and Engineering

**CGPA:** 9.15

### Intermediate

Sri Chaitanya Junior College

2017 – 2019

**Stream:** M. P. C

**Percentage:** 96%

## Skills

**Programming Languages:** (Python, C++, Java, C)

**Web development:** (ReactJS, Fast API, Bootstrap, Git, HTML, CSS, Javascript)

**DBMS:** (Oracle SQL, MySQL, MongoDB, PL/SQL)

**Machine learning and Deep learning using Python**

## Professional Experience

### Systems Engineer

Tata Consultancy Services 🌐

Jun 2023 – present

### Programmer Analyst Trainee - Application Development & Management

Cognizant Technology Solutions 🌐

Mar 2023 – Jun 2023

### Student Intern

Nlite Solutions Pvt Ltd 🌐

Nov 2022 – Mar 2023

### Vice Chair

Association for Computer Machinery(ACM)- Women, GMRIT 🌐

May 2022 – Apr 2023

## Interests

- Anchoring
- Cooking
- Mandala Art

## Projects

### Doctors Management System

- A web application that enables digital process of booking appointments to doctors.
- **Technologies used:** ReactJS, Python, MySQL

### Heart sound abnormality detection

- A machine learning model to detect abnormality in heart sound using classification algorithms.
- **Technologies used:** Machine learning using Python.

### COVID 19 detection using blood samples data

- A machine learning model predicting COVID-19 using XG Boost and Random Forest Algorithms.
- **Technologies used:** Machine learning using Python.

## Certificates

### Algorithmic Toolbox by Coursera 🌐

Great learning of Problem Solving, Algorithms and Dynamic Programming

### Python Data Structures by Coursera 🌐

Useful fundamentals of Data Structures in Python

### MTA- Introduction to Programming Using Python

Great opportunity to dive in basics of Python

### PHP for Beginners by Udemy 🌐

Basic knowledge of PHP to learn Backend Web Development

## Achievements

- Secured a global rank of 3784 in TCS Codevita Season 10.
- Won 2nd prize in Deep Datathon conducted by GMRASC.
- Conducted intra- collegiate event "Technovate" as Joint Secretary in GMRIT.
- Qualified for 2nd round of Goldman Sachs Engineering Campus Hiring Program for Internship.
- Qualified for 2nd round of Adobe SheCodes for Internship.
- Stood 2nd in SQL Battle conducted by ACM Women, GMRIT.