# V Saketh Reddy

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## EDUCATION

**BE in Computer Science**
OSMANIA UNIVERSITY
CGPA: 8.89/10.0
2020-2024
**Diploma in Computer Engineering**
GOVERNMENT POLYTECHNIC COLLEGE
CGPA: 8.33/10.0
2018-2021
**TS ECET Rank: 22**
2021
**Class X**
ST. ANTHONY'S HIGH SCHOOL
CGPA: 9.0/10.0
2018

## LINKS

Github.com/vsakethreddy
Leetcode.com/vsakethreddy12345

## COURSEWORK

**UNDERGRADUATE**
Data Structures and Algorithms
Object Oriented Programming
Design and Analysis of Algorithms
Operating Systems
Computer Networks
DBMS

## SKILLS

**PROGRAMMING**
Java
C
JavaScript
SQL
Python
HTML
CSS

Also Familiar With
React Js

## EXPERIENCE

**Fellowship at IIIT DMK**                          - June to July 2023
- Worked on Binary Coded Genetic Algorithm project.

## PROJECTS

**MORSE CODE GENERATOR WEBSITE**
- Developed a Front-End web application utilizing ReactJS that converts user input to Morse code. Implemented character to Morse code mapping logic and a user-friendly interface featuring Text Input components.

**GENERALIZED BINARY CODED GENETIC ALGORITHM**
- Implemented a Generalized Binary Coded Genetic Algorithm (BCGA) to achieve near optimal solutions through simulated evolution using Python.
- A Binary Coded Genetic Algorithm is a search and optimization technique used to find optimal or near-optimal solutions for a wide range of optimization problems. The solution tends to get be
- It is a collaborative group project. My role was to implement all types of crossovers, mutations and inversion operations.

## INTERESTS AND HOBBIES

Badminton: Enthusiastic about badminton and thoroughly enjoy playing the sport, I have had the privilege of competing at the district level in badminton.
Cricket: Passionate about cricket and enjoy playing and following the sport, fostering teamwork, and strategic thinking. I had the privilege of representing our college in a tournament hosted at VJIT college.

## POSITIONS OF RESPONSIBILITY

ORGANIZER: As the organizer of the 'Tech Triathlon' event at the college's technical fest 'INFINITY2K23', I successfully coordinated with participants and ensured its successful execution.

VOLUNTEER: Volunteered for the 'Poster Presentation' event at college's technical fest 'INFINITY2K22'.

## ACHEIVEMENTS

- Secured 22nd Rank in TS ECET 2021.
- My team and I won the 3rd prize in the college level 'Smart India Hackathon (SIH) 2023'.