

# Shiva Kakanavaram

Bachelor of Technology  
Computer Science Engineering  
CVR college of Engineering, Hyderabad

**Email :** shiva.kakanavaram@gmail.com  
**Mobile No :** +91-7995433755

## EDUCATION

---

### **CVR college of Engineering, Hyderabad**

*B.Tech in Computer Science Engineering - CGPA: 8.62*

Hyderabad, Telangana

*2021 - Present*

### **Sri Chaitanya Jr. college**

*12th Class; Percentage : 97 %*

Hyderabad, Telangana

*2019 - 2021*

### **Sarathi School, Habsiguda**

*10th Class; Percentage : 85 %*

Hyderabad, Telangana

*2019*

## MAJOR PROJECT EXPERIENCE

---

### **Mini SQL Engine — Database systems**

- Implemented a clone of MySQL system in python, no external libraries are used in this engine. It supports the usage of simple SFW queries, aggregate functions, logical operators, distinct operator as in SQL.

### **Linux Shell — Operating Systems**

- Implemented a basic bash-like Linux shell with system calls.
- Uses syscalls to implement command reading, parsing and execution, piping, input and output redirection, foreground and background processes, signal handling.

### **Bomberman — Python Application**

- Designed and developed a variant of classic Bomberman game which can be played directly on UNIX terminal using python.

## SKILL SET

---

**Languages** C, C++(STL), Java, Python, HTML

**Industry Skills** Git, Bitbucket

**Databases** MySQL

## LINKS

---

**Github:** shiva-kakanavaram.

**Codechef:** shiva.kq.

**Linkedin:** Shiva Kakanavaram.

**Leetcode:** shiva.kq.

## ACHIEVEMENTS

---

- Achieved a remarkable SGPA of 9.7, attaining the 2nd rank within the college.
- Attained the top position in the Blind Typing competition during the college Fest.

## RELEVANT COURSES

---

Data Structures Through C  
Computer Programming  
Operating Systems  
Database Systems

OOPS through Java  
Software Engineering  
Automata & Formal Language  
Graph Theory

Python Programming  
Compiler Design  
Computer Algorithms Design & Analysis  
IT Workshop

## INTERESTS

---

Software Development  
Computer Networks

Data Structures & Algorithms  
Compilers

Operating Systems  
Machine Learning

Databases  
Web Technologies