

S. Sri Harsha Sai

Hyderabad, India

Email:harshasaisri484@gmail.com | Phone: 8106578447

GitHub: <https://github.com/sriharsha778>

Objective

Engineering enthusiast with a strong foundation in software development and a passion for building innovative, data-driven solutions. Eager to contribute to dynamic teams and challenging projects in software and systems engineering.

Education

B.Tech in Computer Science Engineering

CVR College of Engineering, Hyderabad

Nov 2022 – Apr 2026

CGPA: 8.2

Board of Intermediate Education

Narayana Junior College, Bongulur, Hyderabad

Jun 2020 – May 2022

Percentage: 95.7%

Secondary School Certificate (SSC)

Best Grammar High School, Kothakota, Wanaparthi

Mar 2020

CGPA: 10

Technical Skills

Languages: Java, Python, JavaScript, PHP, C, C++

Web: HTML, CSS, React, Node, Express

Database: MySQL, MongoDB

Frameworks/Tools: Android (Kotlin), Jetpack Compose, OpenCV, MediaPipe, PyAutoGUI

Certifications

1. Advanced Java Programming – EBOX

2. Database Programming with SQL – Oracle Academy

Projects

Gesture-Based Human-Computer Interaction System (Team: Faders | Role: Team Leader)

Technologies: Python, OpenCV, MediaPipe, PyAutoGUI, NumPy

Built a real-time, touch-free interface to control a computer using hand gestures captured via webcam.

- Developed gestures for mouse control, clicks, drag & drop, scrolling, and zoom.
- Integrated MediaPipe for precise hand tracking and PyAutoGUI for native OS actions.
- Designed and led the system architecture and gesture mapping logic.
- Collaborated on testing, debugging, and real-time optimization.

GitHub: <https://github.com/sriharsha778/Faders>

Voice-Controlled Hands-Free Mobile Assistant App (Role: Team Leader)

Technologies: Kotlin, Jetpack, SpeechRecognizer API, TextToSpeech

Developed an Android app enabling users to control their phone via voice commands.

- Used SpeechRecognizer API to handle real-time speech input and command processing.
- Enabled hands-free features for tasks like launching apps and answering queries.
- Led UI/UX design with Jetpack Compose for a modern, responsive layout.

College Sports Equipment Manager (Role: Team Leader)

Technologies: HTML, CSS, JavaScript, PHP, MySQL

Created a web-based system for managing and booking sports equipment.

- Designed a responsive interface and implemented front-end validation.
- Integrated MySQL with PHP for dynamic inventory and booking functionality.
- Allowed students to reserve equipment slots from available resources.

Soft Skills

Effective Communication, Leadership, Resilience, Critical Thinking, Quick Learning, Analytical Thinking