

Naddunuri Sanjay

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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PROFESSIONAL SUMMARY

Computer Science undergraduate with strong foundations in software development, data structures, and full-stack web technologies. Experience building end-to-end applications through academic and personal software projects using Java, Python, React, and Node.js. Passionate about writing clean, scalable code and continuously improving problem-solving skills.

EDUCATION

SR University

Bachelor of Technology in Computer Science and Engineering | CGPA: 8.6

Warangal, Telangana, India

Expected 2026

Government Polytechnic College

Diploma in Computer Engineering | CGPA : 7.6

Warangal, Telangana, India

2023

ZPHS High School

Secondary School Certificate (SSC) | GPA : 10.0

Warangal, Telangana, India

2020

TECHNICAL SKILLS

Programming Languages : C, Java, Python, JavaScript, TypeScript

Web Technologies : HTML, CSS, JavaScript

Frontend : React.js, Bootstrap

Backend : Node.js, Express.js

Databases : MySQL, Oracle, MongoDB

Tools : Git, GitLab, Visual Studio Code

Computer Science Fundamentals : Data Structures, OOP, REST APIs, Client-Server Architecture

ACADEMIC & PERSONAL PROJECTS

PyBook – Custom Python IDE

Python, Tkinter, Percolator

[Source Code](#)

- Designed and developed a standalone Python IDE with syntax highlighting and real-time execution
- Implemented file handling, theming support, and an integrated execution console
- Built a clean and responsive UI focused on developer usability

Advanced Java Chat Application

Java, Swing, Socket Programming, Multithreading

[Source Code](#)

- Designed a real-time multi-user chat application using Java and socket programming
- Implemented emojis, theme switching, and file sharing using Java Swing
- Managed concurrent client communication using multithreading

Sign Language Detection System

Python, OpenCV, TensorFlow, CNN

[Source Code](#)

- Developed a deep learning system to recognize American Sign Language gestures
- Integrated real-time webcam input using OpenCV and TensorFlow
- Improved recognition accuracy using CNN architecture and data augmentation

CERTIFICATIONS

- [Data Structures and Algorithms](#)
- [National Programme on Technology Enhanced Learning](#)
- [Introduction to Operating Systems](#)