

Tallapalem Prudhvi Sai

prudhvisai641@gmail.com | +91 9381905772

GitHub | LinkedIn | Portfolio

Kandukur, Andra Pradesh, India

SUMMARY

A motivated computer science student with a strong foundation in academic concepts and practical experience looking to contribute to organizational projects. Enthusiastic about learning new skills, working collaboratively, and solving real-world problems through creativity and continuous improvement. Demonstrated ability to design, develop and optimize projects that address real-world challenges.

SKILLS

Programming: Python, R

Databases: MySQL

Technical skills: Machine Learning, Data Visualization

Tools & Platforms: Excel, Google Analytics, Power BI, Git, Google Colab

Soft Skills: Adaptability, Work Ethic, Time Management, Empathy

EDUCATION

Saveetha School of Engineering

B.Tech in Computer Science and Engineering

2022 – 2026

CGPA: 8.0/10

Sri Viveka Junior College

Intermediate (MPC)

2020 – 2022

Percentage: 89%

PROJECTS

Hand Gesture Recognition – Finger Counting

Python, OpenCV, MediaPipe

[Source Code](#)

- Developed a real-time hand gesture recognition system for accurate finger counting using MediaPipe and OpenCV
- Implemented geometric analysis to correctly detect thumbs and count only open fingers
- Supported real-time camera input with robust performance

Stock Price Prediction Using ML & Time Series

Python, ARIMA, SARIMA

[Source Code](#)

- Performed exploratory data analysis on historical stock data using visualizations
- Built ARIMA and SARIMA models for time-series forecasting
- Evaluated model performance using statistical metrics

MolecuQ – Android Application

Machine Learning, Quantum Computing Concepts

[Source Code](#)

- Designed a mobile platform integrating molecular, protein, pharmacological, and toxicological data
- Applied quantum machine learning concepts for pharmacological simulations

CERTIFICATIONS

- Data Analysis with Python – freeCodeCamp
- Google Analytics Certification – Google
- Oracle Cloud Infrastructure 2025 AI Foundations Associate

LANGUAGES

- **Telugu** - Native
- **English** -Working Proficiency