

# Tallapalem Prudhvi Sai

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GitHub | LinkedIn | Portfolio

Kandukur, Andhra Pradesh, India

## SUMMARY

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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

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**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

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**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

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**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

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

## LANGUAGES

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