

Tallapalem Prudhvi Sai

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Summary

A motivated computer science student with a strong foundation in academic concepts, practical experience and 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, MongoDB, PostgreSQL

Data Analysis: Pandas, NumPy, Data Cleaning, Data Wrangling, EDA

Visualization: Matplotlib, Seaborn, Power BI, Tableau

Tools: Excel, Jupyter Notebook, Git, VS Code

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

Projects

Currency Exchange Rate Prediction using Machine Learning

A forecasting model that uses historical data and potentially economic indicators to project future values of a currency exchange rate making use of machine learning models.

Hand Gesture Recognition – Finger Counting (Google Colab)

A real-time open/close hand and finger counting system built using Media-pipe, OpenCV, and Google Colab's in-browser camera. This project accurately detects both hands, counts only truly open fingers, and correctly handles thumb detection using geometric analysis.

Sales Data Analysis and Interactive Dashboard

Designed and deployed interactive dashboards using Power BI and Tableau to analyze large-scale sales datasets. Identified revenue drivers and automated reporting workflows, reducing manual effort by 30%.

Experience

SDE Intern

Feb 2026 – Present

Bluestock Fintech

Software Development Engineer Intern at blue stock, building reliable and scalable applications while gaining hands-on industry experience.

Data Science Intern

Nov 2025 – Jan 2026

Edu Tantr

Analyzed datasets to identify patterns and trends, built machine learning models for predictive analytics, and optimized data pipelines to reduce processing time by 25%.

Education

B.Tech in Computer Science

2022 – 2026

Saveetha School of Engineering, Chennai

Intermediate in MPC

2020 – 2022

Sri Viveka Junior College, Kandukur, AP

Certifications

Data Visualization Empowering Business with Effective Insights Job Simulation - Forage

Data Analysis with Python - FreeCodeCamp

Google Analytics Certification - Google Skill Shop

Oracle Cloud Infrastructure 2025 AI foundation associate - Oracle

Languages Known

English - Working proficiency

Telugu - Native