

# Manoj Pentapati Software Engineer

 srimanoj.pentapati@gmail.com  +91-9550250484  Kapileswarapuram, India  
 linkedin.com  github.com  leetcode  Coding ninjas  gfg  Code chef

## CAREER OBJECTIVE

Aspiring Data Scientist with strong foundations in statistical analysis, machine learning, and data handling. Seeking a Data Science Intern role to apply Python, SQL, and analytical skills to solve real-world data problems, improve automation pipelines, and deliver actionable insights.

## EDUCATION

**Bachelor of Technology, Data Science** 08/2022 – 06/2026  
**Vignan Institute of Science and Technology, Vadlamudi** Guntur, India  
(8.01)

## TECHNICAL SKILLS

<b>Programming Languages:</b> C++ (DSA), Java (OOP), Python (Basics)	<b>Databases</b> MongoDB, MySQL
<b>Tools &amp; Technologies</b> Git, GitHub, Docker, Jupyter Notebook, Google Colab, Visual Studio Code	<b>Web Technologies:</b> HTML, CSS, JavaScript (Basics)

## ACHIEVEMENTS

- Solved 550+ coding problems on GFG, LeetCode, and CodeNinjas, improving DSA proficiency and analytical skills.
- Strengthened problem-solving efficiency through continuous algorithmic practice.
- Completed certifications in Data Analytics with Python and SQL for Data Science.

## PROJECTS

**Real-Time Player Tracking System**  
**Technologies:** Python, YOLOv5, SORT, PyTorch, OpenCV, Tkinter

- Built multi-object tracking pipeline to detect and uniquely identify players across frames.
- Handled video data preprocessing, model inference optimization, and GUI visualization.
- Demonstrates skills in real-time data handling, model deployment, and result interpretation.

**News-Website-Using-News-API** ↗  
**Technologies:** HTML, CSS, JavaScript

- Implemented API-driven site to fetch and present news JSON data dynamically.
- Performed data parsing, categorization, and client-side rendering for user-friendly navigation.

## CERTIFICATIONS

SQL and Relational Databases 101 — IBM (Cognitive Class) ↗

Programming in Python — YHills (Learning Internship Certificate, 2024) ↗

- Data Analytics with Python (IIT Roorkee)