





# Manoj Pentapati


## Software Engineer


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 Kapileswarapuram, India


 Portfolio

 [linkedin.com](https://www.linkedin.com)

 [github.com](https://github.com)

 leetcode

 Coding ninjas

 gfg

### CAREER OBJECTIVE

Computer Science undergraduate seeking opportunities in **Web Development, Data Science, and Software Engineering**, with strong skills in **programming, problem-solving, and data analysis**. Aiming to apply **Python, SQL, and software development fundamentals** to build scalable applications, analyze data, and deliver impactful technical solutions.

### EDUCATION

**Bachelor of Technology, Data Science**  
**Vignan Institute of Science and Technology, Vadlamudi**  
(8.01)

08/2022 – 06/2026  
Guntur, India


### 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, 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.

### PROJECTS

**Real-Time Player Tracking System** 

**Technologies:** Python, YOLOv5, SORT, 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.

**Pizza Sales Using My SQL** 

**Technologies:** SQL (MySQL), CSV Data Processing

- **Pizza Sales Analysis:** Built SQL-based analytics to extract business insights from restaurant sales data
- **Data Processing:** Analyzed multiple CSV datasets with relational database techniques

### CERTIFICATIONS

- SQL and Relational Databases 101 — IBM (Cognitive Class) 
- Programming in Python — YHills (Learning Internship Certificate, 2024) 
- Data Analytics with Python (IIT Roorkee)