

Preetham Sagar

 PreethamSagar1 |  Preetham Sagar |  preethamsagar052@gmail.com

PROFESSIONAL SUMMARY

1. Practical experience in software development, online security, database administration, Machine Learning.
2. Developed projects like Smart Shopping Basket Analyzer and Object Detection using YOLO-V9, focusing on solving real-world problems through machine learning.
3. Refined front-end and back-end skills through web development internships, eager to contribute to innovative projects and adapt to emerging technologies as a software engineer.

PROJECTS

Smart Shopping Basket Analyzer

[Present in GitHub](#)

Developing a sophisticated e-commerce analysis tool that combines multiple advanced algorithms to extract valuable insights from shopping data. This project will demonstrate how data scientists in the industry tackle complex business problems and drive decision-making processes.

Algorithm used: APRIORI ALGORITHM

Link: <https://github.com/PreethamSagar1/Smart-Shopping-Basket-Analyzer>

Object Detection using YOLO-V9

[Present in GitHub](#)

Object Detection using YOLO-V9 is optimized to detect and classify weapons in real-time using a webcam. The system enhances security by providing fast and accurate identification of potential threats, making it ideal for surveillance and safety applications.

Link: https://github.com/PreethamSagar1/Object_detection

INTERNSHIPS

Cyber Security Intern

RINEX

Description:

Gained hands-on experience in identifying and mitigating security vulnerabilities, implementing security protocols, and conducting risk assessments to protect digital assets.

Web Development Intern

Let's Grow More

Description:

Contributed to building and enhancing web applications, focusing on front-end development, and ensuring responsive and user-friendly design.

EDUCATION

2024 - present	Computer Science at Vardhaman College Of Engineering	(GPA: 8.1/10.0)
2019 - 2021	Intermediate at Narayana Junior College	(Percentage: 96%)
2019	Class 10th SSC Board	(Grades: 9.5/10.0)

SKILLS

Microsoft Office, Java, Python, HTML and CSS, JavaScript, Problem-Solving, Oracle, SQL, MongoDB

INTERESTS

- Solving real-world problems using machine learning, as demonstrated in projects like Smart Shopping Basket Analyzer and Object Detection using YOLO-V9.
- Enhancing front-end and back-end web development skills through practical experience and internships.
- Continuously learning and adapting to emerging technologies to contribute to innovative software engineering projects.

EXTRA-CURRICULAR ACTIVITIES

- **Gaming:** Engaging in strategic and collaborative online gaming, enhancing problem-solving, teamwork, and quick decision-making skills.
- **Vlogging:** Creating and editing video content focused on gaming to showcase content creation abilities.

LANGUAGES

Telugu, Hindi, English