

Jyothirmai Nagurapu

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SUMMARY

Entry-level Software Developer with strong foundations in Python, JavaScript, SQL, Object-Oriented Programming, and basic Data Structures & Algorithms. Experienced in building small applications, ML-based systems, and working with Git and SDLC principles.

EXPERIENCE

Data Analyst Intern | SARAT TECH | Hyderabad

Jun 2025 – Sep 2025

- Contributed to data collection, cleaning, and analysis, ensuring data integrity and reliability for business use.
- Wrote SQL queries to extract and analyze structured datasets, improving data accuracy.
- Actively identified patterns and trends in data to provide actionable recommendations that improved operational efficiency.
- Used Python scripts to support data cleaning and analysis tasks.

EDUCATION

Bachelor of Technology (AIML)

Malla Reddy College of Engineering | Hyderabad | JNTUH | CGPA: 7.5

2021 – 2025

Sri Chaitanya Educational Institutions| Hyderabad | CGPA: 9.06

2019 – 2021

SKILLS

- Programming languages:** Python, JavaScript
- Web technologies:** HTML, CSS
- Core CS Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms (Basic), SDLC
- Tools & Version Control:** Git, GitHub, VS Code
- Databases:** SQL, MongoDB
- Soft skills:** Problem Solving, Team Management, Leadership, Communication, Critical Thinking

PROJECTS

• **Phish Alert: Real-time Client-Side phishing detection Using Machine Learning**

Designed and implemented a real-time client-side phishing detection system to identify and block malicious URLs before user interaction. The system integrates machine learning models SVM, Random Forest, XGBoost with a Tkinter-based GUI, providing users with instant alerts on suspicious websites.

• **Object Detection and Recognition Using Webcam with Voice (YOLO Algorithm)**

Developed a real-time object detection and recognition system using a webcam integrated with the YOLO (You Only Look Once) algorithm. The system identifies multiple objects simultaneously and provides voice-based feedback using text-to-speech functionality, enhancing accessibility for visually impaired users

CERTIFICATIONS

- Certificate of achievement by Infosys springboard on Python programming
- NXT Wave – Web & Data Technologies:** Python, SQL, JavaScript, HTML & CSS