

# THANU SRI REDDY

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Passionate programmer with hands-on experience in AI, ML, and full-stack web development. Proficient in C, C++, Python, and MERN stack technologies. Skilled in building scalable, real-time applications and eager to solve challenging problems in dynamic programming environments.

## WORK EXPERIENCE

**AI & PE Trainee | VaultOfCodes | May 2025 – June 2025**

- Building full-stack web applications using MongoDB, Express.js, React, and Node.js.
- Focused on frontend (React) development, REST APIs, and database integration improving project delivery speed by 20%.

**Ethical Hacking Trainee | Eduskills | July 2024 – September 2024**

- Gained hands-on experience in penetration testing, vulnerability analysis, and cybersecurity tools during an ethical hacking internship, enhancing security skills.

**AI-ML Cohort-7 Trainee | Eduskills | Apr 2023 – Jun 2023**

- Worked on real-world AI/ML applications, improving skills in data analysis, model building, and deployment.

## PROJECTS

**Human Detection And Counting** - Real-time people detection and counting using YOLOv4 and Streamlit with webcam/upload support and a simple web interface with 97% accuracy.

**Movie Recommendation System** - Personalized recommender using PySpark & ALS on MovieLens, with collaborative filtering and RMSE-based tuning for scalable suggestions.

**Sign Language Detection** - Involves using computer vision, machine learning, and possibly natural language processing to analyze video footage and extract meaningful information from hand gestures.

## SKILLS

**Programming:** C, C++, Java, Data Structures & Algorithms, Python, HTML, CSS, JavaScript, MERN Stack

**AI/ML:** Scikit-learn, YOLO, OpenCV, SVM, PySpark, CLIP, Computer Vision, NLP (Basics)

**Tools & Frameworks:** MySQL, Flask, Git, GitHub, Jenkins, Excel, Word, Colab, vs code, Hive

**Soft Skills:** Communication, Critical Thinking, Continuous Learning, Team Management.

## EDUCATION

**Gayatri Vidya Parishad College of Engineering** | Oct 2022 - May 2026 | **GPA:** 8.1

**Narayana.Jr Clg** | Jun 2020 - Jun 2022 | **GPA:** 86

**Sree Krishna Grammar School** | May 2020 | **GPA:** 99

## CERTIFICATIONS

- **Accenture:** Software Engineering Job Simulation
- **Cisco:** Data Analytics Certification, Cybersecurity Essentials
- **Vault Of Codes:** Artificial intelligence and prompt engineering
- **AWS:** Data Engineering

- **Google:** Cloud Computing
- **IBM:** Big Data Foundations, Hadoop Foundations