

# M. Sathwik

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GitHub: <https://github.com/sathwik2157H>

Location: Visakhapatnam, Andhra Pradesh, India

## Education

Vellore Institute of Technology, Bhopal

B.Tech – Computer Science and Engineering (Core)

Aug 2023 – 2027

CGPA: 8.8

## Technical Skills

Languages: Python, C++, Java (Basics), HTML/CSS

AI/ML: TensorFlow, Keras, OpenCV, Scikit-learn

Cybersecurity: Vulnerability Assessment, Risk Auditing, Nmap, Wireshark

Tools: Git, VS Code, Jupyter, Teachable Machine, Google Colab

Soft Skills: Problem-solving, Attention to detail, Team collaboration

## Projects

AI Sign Language Detector (Ongoing)

- Developed a real-time ASL alphabet detector using CNN and webcam input, trained on custom datasets from Kaggle and Teachable Machine.
- Implemented prediction queue, cooldown mechanism, and sentence formation with autofill and autocorrect.

## Internship Experience

Cyber Security Intern – Symbiosys Technologies, Visakhapatnam

May 2025 – June 2025

- Conducted audits on internal systems to identify potential security vulnerabilities.
- Performed network scanning and reporting using tools like Nmap and Wireshark.
- Documented findings and recommended security improvements for web applications.

## Certifications

- Certificate of Internship completion from Symbiosys Technologies, Visakhapatnam
- NPTEL Certification in Introduction to Machine Learning.

## Achievements & Positions

- Editor, EV Club – VIT Bhopal
- Social Media Co-lead, Pahadi Club – VIT Bhopal

## Additional Information

Availability: Immediate

Languages: English, Telugu, Hindi