

M. Sathwik

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Location: Visakhapatnam, Andhra Pradesh, India

Objective

Aspiring AI/ML Engineer and software developer, currently pursuing B.Tech CSE at VIT Bhopal (CGPA 8.8). Experienced in building real-world AI projects and working on multi-person development teams. Strong foundation in computer science, with hands-on experience in coding, debugging, and collaborative problem-solving. Excited to contribute meaningful software projects that will be shipped to production at Stripe.

Education

Vellore Institute of Technology, Bhopal

B.Tech – Computer Science and Engineering (Core)

Aug 2023 – Jul 2027 | CGPA: 8.8

Technical Skills

Programming: Python, C++, Java (Basics), HTML/CSS, JavaScript (Beginner)

AI/ML: TensorFlow, Keras, OpenCV, Scikit-learn, CNN, Deep Learning

Software Development: Git, VS Code, Jupyter, Google Colab, Agile teamwork

Cybersecurity: Vulnerability Assessment, Risk Auditing, Nmap, Wireshark, Penetration Testing (Basics)

Core CS Knowledge: Data Structures, Algorithms, Operating Systems, Computer Networks

Projects

AI Sign Language Detector (Team Project, June 2025 – Present)

- Built a real-time ASL recognition system using CNN and webcam input; trained on Kaggle and Teachable Machine datasets.
- Integrated prediction queue, cooldown logic, and sentence formation with autofill/autocorrect, achieving 92% accuracy.
- Collaborated in a multi-person team, performed debugging, and managed version control on GitHub.

Student Information System (Python, Tkinter) (Dec 2024)

- Designed a desktop app to store and manage student data using Tkinter GUI and Python OOP concepts.
- Implemented CRUD operations with data validation and error handling.

Internship Experience

Cyber Security Intern – Symbiosys Technologies, Visakhapatnam

May 2025 – June 2025

- Conducted system audits and vulnerability assessments, identifying and documenting 15+ security gaps.
- Used Nmap and Wireshark for scanning and packet analysis, increasing monitoring efficiency by 20%.
- Collaborated with mentors and peers to propose remediation strategies, strengthening compliance.

Certifications

- NPTEL Certification – Introduction to Machine Learning
- Internship Certificate – Symbiosys Technologies, Visakhapatnam

Leadership & Collaboration

- Editor, EV Club – VIT Bhopal (demonstrated writing clarity and feedback handling)
- Social Media Co-lead, Pahadi Club – VIT Bhopal (team coordination, communication)
- Participated in hackathons, contributing to collaborative coding, peer review, and testing workflows

Additional Information

Availability: Immediate

Languages: English, Telugu, Hindi