

Thallapalli Krishna Sai Teja

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EDUCATION

Institute of Aeronautical Engineering , Hyderabad, India	Expected Graduation – 2027
B.Tech in Computer Science and Engineering (Cybersecurity)	CGPA: 8.88
Rajiv Gandhi University of Knowledge and Technology , Kadapa, India	Aug 2021 – Jul 2023
Pre-University Course (MPC with IT Minor)	CGPA: 9.22

TECHNICAL SKILLS

Programming Languages: Java, Python
Web Development: HTML, CSS, JavaScript
Database: MySQL
Development Tools: GitHub, VS Code
Core CS & Systems: DSA, OOP, Operating Systems, Computer Networks
Vulnerability Management: CVSS Scoring, Penetration Testing, Security Assessments
Security Tools & Frameworks: Metasploit, Nmap, Spiderfoot, OWASP ZAP

EXPERIENCE

Institute of Aeronautical Engineering , Hyderabad, India	
Summer Research Intern – Cybersecurity	Apr 2025 – Jun 2025
<ul style="list-style-type: none">Planned and executed a five-phase penetration testing framework using CVSS scoring and impact analysis on Metasploitable environments.Exploited real-world vulnerabilities including vsftpd and Shellshock via Metasploit, achieving shell/root access and validating severity ratings through practical attack simulations.Built a Python-based vulnerability scoring tool to automate triage, identified 15+ critical security flaws, and enhanced the ethical hacking team's efficiency by 20% with faster prioritization and OWASP/PTES-compliant reporting.	

PROJECTS

Web Application Security Audit Tool (GitHub)	Sep 2025
<ul style="list-style-type: none">Implemented an automated audit pipeline with authenticated crawling, resilient checks, structured logging, and visual summaries for quick prioritization.Used Python to take an input website, run security tests end-to-end, and deliver the results as an interactive HTML report website.	
Mutual Management System (GitHub)	Jan 2025
<ul style="list-style-type: none">Developed a Java-based CLI application to manage 100+ user profiles and suggest over 1,000 mutual connections using shared link analysis.Improved account handling efficiency by 80% through optimized $O(n)$ login/registration and $O(m)$ connection traversal using LinkedLists.	

CERTIFICATES

Cybersecurity Virtual Internship – AICTE-EduSkills (Supported by Palo Alto Networks)
Python Certification – Reliance Foundation Skilling Academy
Data Structures and Algorithms in Java – Infosys Springboard
Cybersecurity and Ethical Hacking – Infosys Springboard

E-PORTFOLIO

- Portfolio:** [E-Portfolio](#) – Showcases projects, skills, and career profile.
- GitHub:** github.com/ThallapalliKrishnaSaiTeja - Code repositories showcasing projects.