

# Keerthivasan E

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🌐 [github.com/Keerthivasan-E-1310](https://github.com/Keerthivasan-E-1310)

*Aspiring Cybersecurity Professional & Pentester*

## Profile

2nd-year Computer Science student at VIT Chennai (GPA: 9.1%) with a passion for cybersecurity, ethical hacking, and penetration testing. Proven track record in CTF competitions, internships, and projects involving steganography, network security, and smart contracts.

## Education

- Jan 2027 (Expected) **B.Tech in Computer Science Core**, VIT Chennai, GPA: 9.1%
- May 2023 **HSSC (12th Grade)**, Velammal Vidhyashram, Chennai, 92% in Computer Science
- Aug 2021 **SSLC (10th Grade)**, Sree Gokulam Public School, Chengalpattu, 97%  
Chess Team Member

## Skills

- Technical Penetration Testing, Network Security, Steganography, Python, Solidity, Java
- Soft Skills Leadership, Communication, Time Management, Problem-Solving

## Internships

- May 2025 – Present **Networking & Telecommunication Intern**, Dept. of Atomic Energy, Kalpakkam  
Monitored real-time network traffic, troubleshoot issues, and optimized data flow.
- May 2025 – Jun 2025 **Network Security Intern (Remote)**, Red User, Uttar Pradesh  
Detected threats (SQLi, phishing) using Wireshark, OWASP ZAP, and WebGoat.
- Feb 2025 – Mar 2025 **Steganography Intern**, Edunet Foundation (AICTE-IBM)  
Built a Python tool to encrypt/decrypt passwords using steganography.  
**GitHub:** [github.com/Keerthivasan-E-1310/Steganography](https://github.com/Keerthivasan-E-1310/Steganography)

## Achievements & Projects

- CTFs 1st in CTF Puzzler (Cybernix); Top 5 in Decrypt Dominion
- CodeChef Club Top 10 for AI-based Medical Assistant Chat App
- Smart Contract Built Decentralized Organ Donor Platform (Top 20/2000+, Spectrum)
- Research Survey paper on String Matching Algorithms (DNA focus)

## Certifications

- IBM Cybersecurity Fundamentals
- Certified Network Engineer
- Diploma in Python — Forage Cybersecurity Analyst
- Java Completion Course