Keerthivasan E

Chennai, Tamil Nadu 603104, India — +91 7358202572 — keerthivasaneofficial@gmail.com
GitHub — LinkedIn — THM

Professional Summary

Resourceful and results-driven Computer Science undergraduate (CGPA: 9.07) from VIT Chennai with hands-on internship experience in cybersecurity, penetration testing, and web development in fast-paced environments. Adept at delivering innovative technical solutions for complex security and engineering challenges, including AI, blockchain, and cryptographic applications. Strong analytical thinker, quick learner, and dedicated team player, eager to contribute to identity security and cloud-native product teams.

Technical Skills

Programming	Python, Java, Solidity, C
Security Tools	Wireshark, Burp Suite, OWASP ZAP, Git
Specialties	Penetration Testing, Web Security, Networking, Microservices, Cloud Deployment (AWS)
Other	API development, Docker, Agile teamwork

Education

2023–2027	B.Tech in Computer Science, VIT Chennai	CGPA: 9.07
2021–2023	Higher Secondary Certificate, Velammal Vidhyashram, Chennai	92%
2020–2021	SSLC, Sree Gokulam, Chengalpattu	97%

Internship and Training Experience

Cybersecurity Intern, Elevate Labs (Remote) — Jun–Aug 2025 — Developed a Python-based web vulnerability scanner to identify XSS, SQLi & CSRF exploits, enhancing client risk posture and automated security testing flows, reducing manual review times by 35%.

Networking Intern, Department of Atomic Energy, Kalpakkam — May–Jun 2025 — Improved network resiliency by implementing secure communications protocols and assisted in troubleshooting and optimizing network hardware deployments.

Inplant Trainee, MAPS, DAE, Kalpakkam — Jul 2025 — Contributed to the optimization of electrical resource management at an atomic power station.

Steganography Intern, Edunet Foundation (Remote) — Feb–Mar 2025 — Built a robust image encryption tool using the LSB method, significantly decreasing data leakage risks.

Projects & Achievements

- **AI vs AI:** Deepfake detection; Top 15/500+ at HackSky.
- **Organ Donor DApp:** Blockchain-based donor matching system; Top 20/2000+, Spectrum.
- **AI Medical Chatbot:** Medical assistant bot; Top 10 at CodeChef Club event.
- **AI File Manager:** Smart file organizer powered by GPT models.
- **CTF Winner:** 1st place at Cybernix Puzzler; Top 5 at Decrypt Dominion.
- **Research:** Survey on string-matching algorithms in genomic analysis.

Certifications

- IBM Cybersecurity Fundamentals, Certified Network Engineer, Diploma in Python, Java Completion Certificate, C & C++ Course Completion Certificate