

# LAKSHMI CHAITANY SAI

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## ABOUT ME

Cybersecurity-focused final-year B.Tech CSE (Cyber Security) student with CEH v13 certification and hands-on experience in secure application development and AI-driven phishing detection projects. Skilled in ethical hacking, web and network security, along with HTML, CSS, JavaScript, Python, MongoDB, and UI/UX design using Figma. Seeking entry-level roles in Cybersecurity, SOC, or IT Security.

## EDUCATION

### B.TECH – COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

2022-2026

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Vel Tech University

CGPA: 7.3/10

Avadi, Tamil Nadu, 600062

- Relevant Coursework: Network Security, Ethical Hacking, Web Security, Cryptography, Operating Systems

## SKILL

- Cybersecurity:** Ethical hacking, web application security, network security fundamentals, defensive security practices, phishing detection and analysis, security awareness, threat analysis, and security monitoring.
- Programming & Development:** HTML, CSS, JavaScript, React.js (Basics), Python, and MongoDB for backend logic and data handling.
- Tools & Technologies:** Figma, dashboards and reporting systems, security log analysis, and monitoring tools.
- UI/UX & Design:** UI/UX principles, wireframing, prototyping, and user-centered design for secure and intuitive digital interfaces.

## PROJECTS

### AI-Driven Phishing Simulator & Awareness Training System

Designed and developed an AI-based phishing simulation platform to improve user security awareness through adaptive training. The system analyzes user behavior and phishing patterns, resulting in a 67% reduction in phishing susceptibility. Implemented real-world phishing scenarios, performance tracking, and dashboard-based reporting to identify vulnerabilities and improve defensive response.

**Tech Stack:** Python, Machine Learning, Flask, React, MongoDB

### **Phishing Detection & Analysis System**

Built a machine-learning-based phishing detection system capable of analyzing 26,000+ URLs with 94% accuracy. Applied NLP techniques and classification models to identify malicious URLs and phishing indicators. Developed APIs and dashboards to support real-time analysis and threat visualization.

**Tech Stack:** Python, TensorFlow, NLP, FastAPI, MongoDB

### **USB Activity Monitoring System**

Developed a real-time USB monitoring solution to detect unauthorized device activity and potential security threats. Implemented automated alerts, activity logging, and incident response features to enhance endpoint security in a simulated environment.

**Tech Stack:** Python, System Programming, SQLite, Electron, React

## **CERTIFICATIONS**

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- **CERTIFIED ETHICAL HACKER (CEH V13)**—EC-COUNCIL
- **ETHICAL HACKER**—CISCO NETWORKING ACADEMY
- **INTRODUCTION TO CYBERSECURITY**—CISCO NETWORKING ACADEMY