SAMUEL E

Summary

Passionate engineering student with a strong focus on software developement and cybersecurity. Proficient in java and python data structures. Combining technical expertise with problem solving skills.

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Education

B.Tech – Information Technology	**(2022– 2026)**
Karpagam Institute of Technology, Coimbatore	CGPA 7.14

Certifications

CyberSecurity Professional Certificate	**(Jan 2025)**
Google | Coursera	
Data Structures and Algorithms using Java	**(Oct 2024)**
IIT Kharagpur | NPTEL	

- Topics Data Structure, Java collection framework and Basic oops concept
- Proficient in Logical Thinking and Programming in Java.

Basics of Python Skill Test	**(Jul 2024)**
HackerRank	
Problem Solving Basics Skill Test	**(Nov 2024)**
HackerRank	

Projects

Linux IP Changer Tool — Developed a command-line tool in Python to dynamically change the IP address at the network interface level on Linux systems. Enhanced privacy by automating IP reassignment, supporting seamless reconnections, and bypassing basic tracking mechanisms.

Bug Tracker Web App : Built a full-stack MERN application to report, track, and manage software bugs, featuring dynamic forms, MongoDB data handling, and RESTful API integration. Implemented customizable severity levels, CVE tracking, and status updates with error handling and form validation.

Technical Skills

	Soft Skills
1. Programming Languages: Python , Java	Leadership
2. DBMS: MySql	Team work
3. MERN Stack	Critical Thinking
4. Languages: English, Tamil	
5. Tools and Technologies: Burpsite	
5. Cybersecurity skills: Networking , Cross Site Scripting(XSS), IDOR	

Achivements

Participated in IASICT'24	**(Apr-2024)**

- Published a paper on the **IASICT'24** organised by Karpagam Institute of Technology regarding the future of darkweb and protecting the PII information from trackers and malcious actors by using DarkWeb.