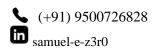
#### SAMUEL E





## **Summary**

Engineering student passionate about software development and cybersecurity, with strong problemsolving skills. Proficient in Java and Python, with a solid understanding of data structures and algorithms. Skilled in building efficient and scalable solutions while continuously learning new technologies

### **Education**

B.Tech – Information Technology	(2022–2026)
Karpagam Institute of Technology, Coimbatore	CGPA 6.7
Certifications	
CyberSecurity Professional Certificate	(Jan 2025)
Google   Coursera	
Data Structures and Algorithms using Java	(Oct 2024)
IIT Kharagpur   NPTEL	
<ul> <li>Topics Data Structure, Java collection framework and Basic oops concept</li> </ul>	
<ul> <li>Proficient in Logical Thinking and Programming in Java.</li> </ul>	
Basics of Python Skill Test	(Jul 2024)
HackerRank	
Problem Solving Basics Skill Test	(Nov 2024)
HackerRank	

# Projects

# ${\bf Zero\text{-}IPChanger:}$

- Developed a Python-based IP changer using the stem library to interact with the Tor network.
- Automated the process of requesting a new identity and verifying the changed IP address.
- Used requests to fetch the current IP and displays the details of the new IP address.

### Bug Tracker Web App:

- Developed a full-stack bug tracking system using the MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented role-based dashboards: Users can report bugs, while admins manage and track them.
- Integrated authentication and CRUD operations, allowing users to create, update, and resolve bug reports.
- Designed a user-friendly interface for easy bug reporting and tracking.
- Optimized database queries and API responses for efficient data handling and scalability.

Technical Skills		Soft Skills	
1.	Programming Languages: Python , Java	Leadership	
2.	DBMS: MySql	Team work	
3.	MERN Stack	Critical Thinking	
4.	Languages: English, Tamil		
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.