





# SAMUEL E

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 zero-sam

## Summary

Engineering student passionate about software development and cybersecurity, with strong problem-solving 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>B.Tech – Information Technology</b> Karpagam Institute of Technology, Coimbatore	<b>(2022– 2026)</b> CGPA 6.7
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## Certifications

<b>CyberSecurity Professional Certificate</b>	<b>(Jan 2025)</b>
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Google | Coursera

<b>Data Structures and Algorithms using Java</b>	<b>(Oct 2024)</b>
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IIT Kharagpur | NPTEL

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

<b>Basics of Python Skill Test</b>	<b>(Jul 2024)</b>
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HackerRank

<b>Problem Solving Basics Skill Test</b>	<b>(Nov 2024)</b>
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HackerRank

## Projects

### Zero-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
2. DBMS: MySql
3. MERN Stack
4. Languages: English, Tamil

Leadership  
Team work  
Critical Thinking

## Achievements

### 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 malicious actors by using DarkWeb.