

# SANTHOSHKUMAR A

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## SUMMARY

B.Tech Computer Science Engineering student specializing in IoT & Cybersecurity with hands-on experience in penetration testing, network analysis, and Python-based automation. Completed cybersecurity internships and developed projects integrating cryptocurrency and UPI payment systems. Skilled in security tools (Nmap, Nessus, Wireshark, Burp Suite) with certifications in Blue Team Analysis, Python, and MySQL. Eager to apply technical expertise to real-world security challenges and contribute to innovative IT solutions.

## INTERNSHIP EXPERIENCE

Cybersecurity Intern – **Ruddo Education Solution** (Remote)

Dec 2024 – Mar 2025

Cybersecurity Intern – **KaaShiv Infotech, Chennai** (On-Site)

Feb 2025

## PROJECTS

### Integrated Cryptocurrency and UPI Platform

Jan 2023 - Sep 2024

- Designed and implemented a secure cryptocurrency transaction system with UPI payment integration.
- Developed front-end interface and integrated backend using Python (Flask), MySQL, UPI API.
- Improved transaction security and successfully tested on multiple demo users.

## SKILLS

- Programming Languages:** Python (OOP, Scripting, Data Handling)
- Database:** MySQL (CRUD, Joins, Queries, Normalization)
- Cybersecurity Tools:** Burp Suite, MobSF, Nmap, Nessus, Wireshark
- Networking:** TCP/IP, Port Scanning, Vulnerability Analysis
- Operating Systems:** Linux (Ubuntu, Kali), Windows

## EDUCATION

**Manakula Vinayagar Institute of Technology**

(2022 – 2026)

B.Tech – Computer Science & Engineering (IoT & Cybersecurity with Blockchain)

**CGPA:** 7.67 (Till 6th Semester)

**Aristo Public School**

HSC – 2022 | Score: 65%

**Mount Litera Zee School**

SSLC – 2020 | Score: 67.8%

## CERTIFICATIONS

- Blue Team Junior Analyst** – Security Blue Team (2025)
- Python Programming** – G-Tec Computer Education (2023)
- MySQL** – G-Tec Computer Education (2023)
- Cybersecurity Analyst Job Simulation** – Tata Group (Forage)
- Australia's Cyber Job Simulation** – Deloitte (Forage)

## ADDITIONAL INFORMATION

**Languages:** English, German(A1)

## **WORKSHOPS**

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- Web Application Pentesting and Bug Bounty – PSG Tech, 2024
- Mastering Penetration Testing with CompTIA – SRM Trichy,