

# Harshith Narasimha Sai Pilli

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📍 Hyderabad, India

🔗 <https://flowcv.me/harshithpilli>

## 👤 PROFILE

A passionate and results-driven **Cybersecurity Enthusiast**, and **Tech Community Lead** with experience in **blockchain and network security**. Led projects in **Blockchain and Cybersecurity** and actively took part **Hyderabad DAO initiatives** as well as serving as **Lead of Algorand Blockchain Club-VJIT**. Strong problem-solving skills with a focus on **secure networks and scalable blockchain solutions**.

## 🎓 EDUCATION

2022 – 2026 Hyderabad, India	<b>Bachelors of Technology</b> Vidya Jyothi Institute of Technology CGPA - 8.61(Upto III-I Semester)
2020 – 2022 Hyderabad, India	<b>Intermediate</b> Page Junior College GPA - 9.22
2013 – 2020 Hyderabad, India	<b>Secondary School Education</b> Kakarla's International School Percentage - 86.7%

## 🧰 PROFESSIONAL EXPERIENCE

11/2024 – 11/2024 Chennai, India	<b>ShadowFox</b> Cybersecurity Intern Worked on various tools for penetration testing, including Nmap, Metasploit, and Burp Suite, to identify vulnerabilities and assess security risks. Gained hands-on experience in network scanning, exploit development, and web application security testing.
09/2024 – 12/2024 Jaipur, India	<b>Secure Sphere Foundation</b> Cybersecurity Intern During my internship, I organized a Cyber Awareness Session at my college to educate students on online safety. I am also working on a network security monitoring project, analyzing traffic patterns to identify threats. This experience is enhancing my cybersecurity skills and promoting a safer digital environment for my peers and the organization.
02/2023 – 02/2023 Bengaluru, India	<b>A.N.D</b> Cybersecurity Intern Nmap is a powerful network discovery tool that identifies connected devices and their services. It employs techniques like ICMP echo requests and TCP SYN scans to determine active hosts. This mapping is essential for network administrators to evaluate network health and identify vulnerabilities effectively.
04/2024 – present Hyderabad, India	<b>Algorand Blockchain Club -VJIT</b> Club lead Organized a blockchain workshop to educate participants on the fundamentals and applications of blockchain technology. Additionally, conducted a two-day training camp on Algorand Blockchain, providing hands-on experience with smart contracts and decentralized applications.

11/2023 – present  
Hyderabad, India

### Developers Student Society

Member

I helped organize a Game Development Workshop and Hackathon, managing crowd engagement to ensure smooth experiences. By facilitating discussions and interactive activities, I fostered creativity and collaboration among participants.

07/2024 – 09/2024  
Hyderabad, India

### Cyber Security Intern

EduSkills Foundation

Learnt about Palo Alto Networks and their products, which are involved in the field security.

## SKILLS

### JAVA

### Python

### OSINT

Open Source Intelligence

### Network Security

### Bug Reporting

### Blockchain Development

### SOC Analysis

Security Operations Center

## PROJECTS

### Rogue Device Detection

Network Monitoring

- Used Nmap to detect unauthorized devices in a network.
- Leveraged Lua scripts to identify UPnP devices and servers.
- Plan to discover rogue or fake DHCP servers to mitigate network outages.

### Auction House Contract

Using AlgoKit

- Smart contracts are automated programs that run on blockchain to enforce rules without middlemen
- Once deployed on blockchain, smart contract rules are permanent and can't be changed
- Smart contracts automatically handle payments, transfers, and record-keeping based on preset conditions

### Website Security Analyzer

- Heuristic Security Checks: Analyzes HTTPS usage, suspicious URL patterns, domain age, SSL certificate validity, HTML/JS content, and OWASP vulnerabilities.
- ML-Powered Detection: Uses a TensorFlow model trained on real-world data to predict malicious URLs, combining it with heuristic scores for a final risk rating.
- User-Friendly & Visual: Fast, parallel checks with a Rich-based interactive CLI and visual outputs like a bar chart of heuristic scores.
- Adaptive Learning: Accepts user feedback to continuously improve the machine learning model.

## CERTIFICATES

### Algorand Intermediate Completion

Algorand Foundation

### Linea Beginner

HackQuest

### Cyber Security: Beginner to Expert

Logix Academy

### Programming Essentials in Python

Cisco Networking Academy

## LANGUAGES

English

Hindi

Telugu

## AWARDS

2024

### **Non-Fungible Tokens(NFTs)**

Algorand Foundation

I successfully solved four coding challenges by debugging and correcting Python code. Each challenge required a thorough understanding of programming concepts and problem-solving skills. This experience not only improved my coding proficiency but also deepened my ability to analyze and optimize algorithms effectively.

2023

### **Certificate of Completion**

Cybersecurity Centre Of Excellence and Hague Centre for Strategic Studies

I participated in the Indo-Dutch Cyberschool, completing a challenge from Blue Cloud Softech that deepened my cybersecurity knowledge. Collaborating with peers from diverse backgrounds enhanced my problem-solving skills and provided valuable insights into real-world cybersecurity applications, enriching my overall learning experience.

## ORGANISATIONS

Hyderabad, India

### **TEDx VJIT**

Hospitality Manager

Managed speakers' as well as attendees' hospitality throughout the event. Thereby providing very pleasant and great experience to both of them.