

## **Kammari Sridhar**

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### **PROFESSIONAL SUMMARY**

Enthusiastic and detail-oriented penetration tester with internship experience in vulnerability assessment and penetration testing. Experience in finding security vulnerabilities using both manual and automated testing tools. Strong analytical skills, a passion for cybersecurity, and a commitment to staying updated with the latest industry trends and technologies. Knowledge of scripting language, Python. Solid understanding of information security and applied cryptographic protocols. Ability to exploit recognized vulnerabilities. Profound knowledge of network architectures, operating systems, application software and cybersecurity tools.

### **EXPERIENCE**

#### ***Intern, HackersForYou***

***May'24 – August'24***

I had the opportunity to significantly advance my skills with this internship. Over the course of three months, I collaborated with a team of interns on four distinct projects, producing a VAPT (Vulnerability Assessment and Penetration Testing) report for each project on a monthly basis. In addition to the project work, we were assigned weekly tasks designed to enhance our individual skills. This internship provided me with hands-on experience and knowledge in several key areas:

- Utilizing Metasploit for exploitation and testing
- Employing various web application pentesting tools and methodologies
- Creating comprehensive and professional VAPT reports
- Managing tasks and meeting deadlines effectively

#### ***Intern, Hacktify***

***February'24 – March'24***

Hacktify internship has helped me attain much practical knowledge on topics like HTML injection, XSS, SSRF, CSRF, IDOR. Along with the labs to practice on these learned topics. It has also made me confident with their CTF challenges at the end of the internship.

#### ***Intern, SenseLearner***

***September'23 – October'23***

The one-month internship at SenseLearner has given me a glimpse of Cybersecurity field. With continuous learning at this internship, I have gained hands-on experience on Linux, Penetration Testing, and tools like Nessus, Nmap, Open-VAS.

### **EDUCATION**

#### ***BTech, Cybersecurity***

***July/2024***

DRK College of Engineering and Technology

### **SKILLS**

Linux, Vulnerability assessment, Penetration Testing, Network security, Web Application Security, Linux, Python, Bash, SQL, Analytical Skills, Problem-solving skills, Results-focus, Communication Skills, Action-oriented, Growth Strategy.

## **Certifications**

**C | CT (Certified Cybersecurity Technician) By EC Council**

**August'23-August'26**

**CC (Certified in Cybersecurity) By ISC2**

**September'22-September'25**

## **Projects**

### **Academic Projects**

#### ***A Method for decrypting the data infected with Maze ransomware:***

Mini project in the 4th year, I have contributed my best to the project which was about decrypting the files infected with the Maze Ransomware. Using the Python language, our team had made an application which can retrieve the key from the maze's ransom note and decrypt the files which were encrypted with the Maze ransomware. The decryption was our core idea of the project, however we have programmed scripts which can

- Upload a specified folder to the MEGA cloud service by encrypting it.
- Check if any file is malicious.
- Educate user on Prevention, caution, and isolation during a ransomware attack.

#### ***A Novel Secured Cloud File-Sharing Framework: Developing Multi-Factor Authentication and Blockchain-based Access Control:***

Developed a secure access control system integrating blockchain technology. Implemented user authentication, file access control, encryption, and OTP verification. Leveraged Ethereum blockchain for decentralized access policies using smart contracts, ensuring gas-free transactions. Set up a local Ethereum test network with Ganache and integrated Python code with Web3.py for smart contract interaction.