S. KASINADH SARMA

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OBJECTIVES

Versatile Cybersecurity Professional with expertise in Linux Research and Development, Red Team, Blue Team, and Purple Team strategies. Experienced Developer and AI Researcher committed to creating innovative solutions. Passionate about spearheading Cyber City, a comprehensive cybersecurity platform, while leveraging extensive training from renowned organizations like Edzu and Intel Corporation.

EDUCATION

Parul University   Vadodara
CSE (Cyber Security) B.Tech   November 2020 - March 2024
CGPA: 7.46

Sri Chaitanya J.r College   Guntur
Intermediate(MPC)   JULY 2018 - April 2020
CGPA: 6.9

Sri Chaitanya Techno School   Guntur
10th   JULY 2017 - April 2018
CGPA: 7.7

SKILLS

Programming Languages:	Python, Bash, JavaScript, Java, C, C++
Libraries/Frameworks:	GTK, OpenCV, Openai, NLTK, API, NumPy, TorchVision
Tools / Platforms:	Red Team, Blue Team, Purple Team, Cyber Security, Software Development, UI-UX Front-end Development, Back-end Development, Full Stack Development, AI Researcher, IoT, Research and Development, Google Cloud Research

EXPERIENCE

Try Hack Me | Trainee   Online | September 2022 - February 2023
- Enrolled in the TryHackMe platform to learn and practice various cybersecurity skills and techniques.
- Participated in challenges and completed learning paths to enhance knowledge and understanding.

Intel Unnati |Summer Trainee   Online | May 2023 - July 2023
- Participated in the Intel Unnati summer training program.
- Learned about various machine learning projects and their implementation in different modes.

EDZU | Internship   December 2023 - April 2024
- Successfully executed penetration testing and participated in development tasks, enhancing expertise in security technology.
- Led the conceptualization and development of a state-of-the-art cybersecurity solution, integrating learning platforms, software, and technology-driven security measures.
- Spearheaded the exploration and implementation of innovative solutions for future applications, demonstrating a forward-thinking approach.

PROJECTS / OPEN-SOURCE

EVM.ova Penetration Testing | Link   *Penetration Testing*
- Conducted penetration testing to assess security measures of EVM.ova virtual machine.
- Identified vulnerabilities and simulated attacks to evaluate resilience.
- Generated detailed reports outlining findings and recommended strategies.

Home Network Security - Cowrie Implementation | Link   *Network Security*
- Implemented Cowrie honeypot for home network security, using decoy system for threat detection.
- Monitored and logged malicious activities, ensuring early detection of unauthorized access attempts.

Vulnerability Book | Link   *Pentration Testing*

- Contributed to development of comprehensive vulnerability book project, documenting website vulnerabilities.

- Identified and described vulnerabilities, outlining potential risks and impact.

DeepActionsExperimental | Link   *openCV, GTK4.0, Python3, Numpy, TorchVision*

- Developed image manipulation API using Python, Flask, and OpenCV.

- Optimized API's performance and integrated it into existing infrastructure.

CERTIFICATIONS

- Introduction Of IoT - **NPTEL**

- Introduction to programming Using Python - **HackerRank**

- Cybersecurity Roles, Processes & Operating System Security - **Coursera, IBM**

- Networking Basics - **Cisco**

- Networking Devices and Initial Configuration - **Cisco**

- Introduction Of Cyber Security - **Cisco**

- Google Cloud - **Google Cloud Skills**

- Google Proffessional Cyber Security - **Google Proffessional Cyber Security**

- Forage - **All certifcations**

LINKS

GitHub: https://github.com/kasinadhsarma
LinkedIn: https://www.linkedin.com/in/kasinadhsarma/
Portfolio: https://kasinadhsarma.in/
Link Tree: https://linktr.ee/kasinadhsarma