

S. KASINADH SARMA

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SUMMARY

Highly motivated and skilled Cybersecurity Researcher with a proven ability to identify and exploit vulnerabilities in various systems. Possessing a strong understanding of security best practices and a passion for staying updated on the latest threats and vulnerabilities. Eager to contribute to a challenging role in a cybersecurity team, where I can utilize my skills to enhance the security posture of an organization.

EXPERIENCE

Security Researcher

TryHackMe

- Engaged in TryHackMe to enhance cybersecurity skills, focusing on practical application of security concepts.
- Completed various rooms and challenges, covering topics like web security, network security, and cryptography.
- Developed proficiency in using security tools and techniques for vulnerability assessment and penetration testing.

Summer Trainee

Intel Unnati

- Participated in Intel Unnati's summer training program and gained insights into various machine learning projects.
- Developed an AI project on road object detection using the COCO dataset with a GUI-based GTK version.

PROJECTS

EVM.ova Penetration Testing | [Link](#)

- Conducted penetration testing to assess the security measures of the EVM.ova virtual machine.
- Identified vulnerabilities and simulated attacks to evaluate resilience.
- Documented findings and provided recommendations for improving the security of the virtual machine.


AlgoNexus | [GitHub](#)


- Developed and implemented machine learning-driven algorithms for intelligent trading strategies.
- Created a robust system for analyzing market data, backtesting strategies, and automating trade execution.

RESEARCH ARTICLES

- EVM.ova Security Assessment: A Penetration Testing and Vulnerability Analysis Project** | [Link](#)

SKILLS


 **Cybersecurity:** Penetration Testing, Network Security, Vulnerability Analysis, Ethical Hacking, Security Auditing, Incident Response

 **Programming:** Python, C/C++

 **Tools:** Wireshark, Metasploit, Nmap, Burp

Suite, Kali Linux, Ubuntu Linux

 **Cloud Security:** Basic understanding of cloud security concepts

 **Soft Skills:** Communication, Problem-solving, Teamwork

EDUCATION

Parul University

B.Tech in Computer Science and Engineering (Cyber Security)
CGPA: 7.46

Vadodara

November 2020 - March 2024

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 Professional Cyber Security - **Google Professional Cyber Security**