Harita Jasani

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EDUCATION

(2025 - 2027) University Of Maryland – College Park (Master of Engineering program in Cybersecurity Engineering – Professional)
Relevant Coursework – Hacking of C programs and Unix Binaries, Security Tools for Information Security, Linux System Administration

(2021 - 2025) SRM University, India (BTech of Computer science and engineering (Specialisation in Cybersecurity)
Relevant Coursework – Information Security Analysis, Malware Analysis, Forensics and incident response, Cryptography and Network Security,

TECHNICAL SKILLS

- Cybersecurity Tools: Wireshark, Metasploit, Kali Linux, Burp Suite, Snort, Nmap, Nessus, OpenVAS.
- Networking Protocols: TCP/IP, DNS, HTTP, SSL/TLS.
- Operating Systems: Linux (Ubuntu, Kali), Windows.
- Security Concepts: Ethical Hacking, Vulnerability Assessment, Incident Response, Threat Hunting, Digital Forensics, Malware Analysis, Risk Manage
- Ability to accept challenges and develop new skills.
- Innovation, problem solving and decision making.
- Effective time management and organizational skills.
- Multitasking ability.
- Skills-oriented person, good professional attitude and highly motivated individual.
- Exceptional interpersonal and communication skills.

Volunteering

Eleet Club (Cybersecurity)

- Collaborated with a team to organize and manage **technical workshops** and events**, enhancing cybersecurity knowledge.**
- Coordinated technical discussions and **speaker sessions** on emerging technologies, improving communication and **networking abilities.**
- Facilitated hands-on coding and **tech development workshops**, gaining practical experience in using **cybersecurity tools**.

Cyberthon

- Provided guidance and support to participants by helping them brainstorm and **develop innovative solutions** to real-world cybersecurity problems.
- Facilitated communication between teams, ensuring smooth collaboration and **effective problem-solving** throughout the project.
- Gained insights into current **cybersecurity issues** while contributing to the development of actionable solutions for real-world problems.

CERTIFICATIONS

- Java Script with HTML (SRM)
- Cybersecurity Learner – Level 1 (Mosse Cyber Security Institute)
- Cybersecurity Learner – Level 2 (Mosse Cyber Security Institute)
- CompTIA Security+ (SY0-701) (given on 10th June 2025)

PROJECTS

1. **Generative AI Malware Classification, Detection, and Monitoring**

Developed a Generative AI–based system to create, classify, and analyze new malware samples **using existing datasets**. Integrated threat-level categorization, **cybersecurity testing**, and database storage to provide actionable insights and targeted controls for **malware detection, monitoring**, and **prevention**.

Tools & Technologies:

- **Ghidra** (SRE) for static analysis
- **Python Libraries** for AI model development
- **VS Code** for coding and debugging
- **Operating Systems:** Windows, Linux

2. Compiled Expense Tracker using Supervised Learning Algorithm

Developed a supervised learning–based expense tracker that identifies and categorizes recurring subscriptions and bills using Python (**SKLearn**, **Pandas**, **NumPy**), with **MongoDB** for storage. Designed a user-friendly interface that provides real-time insights into spending patterns, highlights top expense categories, and helps users manage monthly financial commitments more effectively.

Tools & Technologies:

- **Python Libraries**: SKLearn, Pandas, Numpy for data processing and model building
- **VS Code** for coding and debugging
- **MongoDB** for database management
- **Google Colab** for model training and execution