

Parvathy Mohan

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Education

Red Team Hacker Academy
SOC Analyst

Trivandrum,
Feb 2023

Mahtma Gandhi University
Bachelor of Science - BSc,Cyber Forensics

Kottayam
Jun 2022

Experience

Cyber Cell

Managed various online scams and fraudulent cases

- Incident Investigation: Gained experience in managing online scams and fraudulent cases into investigating security incidents and threats.
- Data Analysis: Gathering information about perpetrators and compiling theft-related data , analyze security data and recognize patterns.
- Documentation: Drafting legal documents and memos parallels the need for SOC Analysts to document incidents, create reports, and communicate findings clearly.
- Support for Investigations: Received mentoring from experienced tutors for enhancing skills and understanding
- Case Management: Gained hands-on experience in case management track and manage security incidents from detection to resolution.

Projects

Click Safe | Python, Pycharm

Feb 2022 – Mar 2022

- URL Safety Verification: Click Safe is a browser-based tool designed to assess the safety of URLs.
- Protection Against Clickjacking: The system specifically guards against clickjacking attacks.
- Enhanced Security Measures: By integrating Click Safe into web browsing environments, users benefit from an additional layer of security

Facemask Detection | Python,Django, Git

Mar 2022 – Apr 2022

- Integration and Alerts: The detection system can be integrated with existing surveillance infrastructure and public health monitoring systems.
- It can also trigger alerts or notifications when individuals are detected without masks
- Public Health Safety: By ensuring compliance with mask-wearing guidelines, these systems help reduce the spread of COVID-19.
- Detection Technology: Face mask detection systems use advanced image recognition and machine learning algorithms to determine whether individuals are wearing masks

Skills

Languages Python, C++, HTML/CSS, Java

Frameworks ISO 27001 , ISO 27002 , NIST, MITRE ATT&CK

Developer Tools: Git, Docker, GitHub, VS Code, PyCharm(NumPY)

Tools : Nmap, WireShark,IDS/IPS,NDR,CSPM ,Cloud Security

Cyber Security & Incident Response :SIEM(Splunk),SOAR,XDR,EDR ,Threat Hunting, Phishing Investigation ,Malware Analysis

Certificates

EC Council: Network Defence Essential(NDE)

EC Council : Android Bug Bounty:Hunt Like A Rat

EC Council: Ethical Hacking Essentials

Great Learning Academy : Network Security

FedVte Public: Cloud Computing

Cybrary :Security Operation Center(SOC)