

GOKUL M

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Experience

Security Engineer Intern, Cybernerds Solutions, Thanjavur, India

APR 25 - APR 25

- Supported Managed Security Services by monitoring threats, assisting in incident response, and contributing to real-time security operations within a fast-paced cybersecurity environment.
- Utilized Endpoint Detection and Response (EDR) tools to detect, analyze, and contain endpoint threats, while performing system protection and log analysis to enhance overall threat visibility.

Cyber Security Tool Development Intern, Cappricio Securities, Chennai, India

JUN 24 – JUL 24

- Developed a custom Open Redirect Vulnerability scanner using python, capable of detecting redirect flaws across multiple web applications, enhancing security assessments for penetration testing engagements.
- Integrated automated payload generation and validation into the tool

Cyber Forensic & Network Security Intern, Hackup Technology, Coimbatore, India

JUN 22 -JUL 22

- Acquired hands-on experience in Cyber Forensics and Network Security, emphasizing evidence collection, analysis, and preservation, alongside incident response and intrusion detection techniques.
- Utilized tools such as Autopsy, FTK Imager, and Wireshark to investigate cyber incidents and ensure secure data communication through effective protocol analysis and threat identification

Ethical Hacking & Cyber Security Intern, Hackup Technology, Coimbatore, India

FEB 22 – MAR 22

- Completed an internship in Ethical Hacking and Cybersecurity, gaining hands-on experience in vulnerability assessment, penetration testing, and network security practices.
- Worked with tools such as Nmap, Burp Suite, and Wireshark to identify security flaws and recommend mitigation strategies, strengthening organizational cyber defense.

Education

AJK College Of Arts & Science, Coimbatore, India

Final Grade: **89%**

Master Of Science in Cyber Security – MAY 2025

AJK College Of Arts & Science, Coimbatore, India

Final Grade: **74%**

Bachelor Of Science in Digital & Cyber Forensic Science – MAY 2023

Certifications

- Cyber Security Foundations - **Bbuzz Technology**
- Network Défense, networking basics - **Cisco Netacad**
- Master Digital Forensics, CompTIA security+ (SY0-701) Training lab - **Udemy**
- Mobile App bug bounty & Pen testing - **Cappricio Securities**
- ISO/IEC 27001 Information Security Associate™ - **Skillfront**

Projects

- **Database Accessing Using Facial Authentication system**– By verifying user identities through facial recognition. It uses AI-powered algorithms to match facial features with stored data, ensuring authorized access and protecting sensitive information from unauthorized users, thereby enhancing data security and reducing the risk of identity theft or breaches.
- **Report Making Software for Forensic Analysis** – Automating evidence aggregation, and customizable template-based PDF exports to streamline digital investigations
- **Packet Manipulation Using Scapy** – Enabling advanced protocol fuzzing, traffic tampering and targeted vulnerability testing in pen testing engagements.
- **Extraction Of Smartphone Network Data for Analysis User Data Leakage** – To identify potential user data leakage, focusing on unencrypted transmissions and insecure app communications.
- **Perform Advanced MITM Using Xerosploit** – Leveraging modules like DNS spoofing, Packet manipulation, and browser injection to demonstrate real world vulnerabilities

Languages

- English
- Tamil

Tools & Software

- Windows
- Kali Linux
- FTK imager
- Autopsy
- Wireshark
- Nmap
- Volatility
- Action1
- Sophos
- OpenVPN
- Cisco packet tracer
- Cisco Duo
- Microsoft 365
- Burp suite
- Metasploit
- SIEM
- EDR
- Firewall
- Patch management

Soft skill

- Self-driven
- Team collaboration
- Adaptability
- Curiosity
- Flexibility

Accomplishments

National-level conferences: **DATA SECURITY CONFERENCE ON CYBERSECURITY'23** by NCSRC, **INNOVATIONS IN CYBER SECURITY TECHNOLOGY'24** and Published 2 resource papers.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

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