BARANI A

B.E-Computer Science and Engineering

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📍 Dharmapuri, Tamil Nadu

🔗 Barani23M

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OBJECTIVE

Aspiring Cyber Security Analyst with strong knowledge in networking, web security, Linux, vulnerability assessment, and secure backend development. Skilled in identifying security issues, analyzing threats, performing basic penetration testing, and developing secure APIs. Seeking a Cyber Security / SOC Analyst position to apply technical and analytical skills to protect systems, detect threats, and strengthen an organization's security posture.

EDUCATION

B.E–COMPUTERSCIENCE & ENGINEERING
EXCEL ENGINEERING COLLEGE
2022 - 2026

CGPA: 7.95

HIGHER SECONDARY
Vaagai Vidhiyalaya Matric Hr sec School H.Pudupatti Dharmapuri Tamil Nadu.

2021 - 2022

81%

SSLC
Vaagai Vidhiyalaya Matric Hr sec School H.Pudupatti Dharmapuri Tamil Nadu.

2019 - 2020

96%

TECH SKILLS

- Network Security
- SIEM Tools
- Linux & Windows Security
- Threat & Vulnerability Analysis
- Web Application Security
- Malware Analysis
- Docker ,OWASP
- Java, Web Development, Git
- Flutter, SQL,Python(Basic)

LANGUAGE

- Tamil(Read,Write ,Speak)
- English (Read, Write ,Speak)

INTERNSHIPS

- Domain: Cyber Security & Ethical Hacking - Crescent Infotech :30 days
- Domain: Network Security & Monitoring - NxtLogic Solutions: 30 days

PROJECTS

1. Phishing URL / Website Detector (Java + ML)

Developed a Java-based Phishing URL and Website Detection system using machine learning to classify malicious links with high accuracy. Implemented advanced feature extraction including HTTPS validation, IP-based host detection, subdomain depth, suspicious HTML/JS patterns, and WHOIS domain age analysis. Trained and tested models such as Random Forest and SVM using public cybersecurity datasets, achieving up to 95% accuracy. Integrated the trained model into a real-time prediction service using Java/Spring Boot for practical, fast URL threat analysis.

2. Maternal and Child Health Care System

I secured the Pregnancy & Baby Care Assistant by implementing encrypted data storage, secure authentication, and strict role-based access control. I protected backend APIs using OWASP Top 10 practices, preventing SQL injection, XSS, CSRF, and unauthorized access. I performed vulnerability assessments and penetration testing to identify and fix security risks. I also configured HTTPS/TLS and security logging to ensure safe, compliant, and reliable system operation.

CERTIFICATION

- Introduction to Cyber Security – Great Learning
- Ethical Hacking Essentials (EHE) – Udemy
- Python for Cyber Security – Udemy
- Google Cybersecurity Professional Certificate – Coursera
- SOC Analyst Essentials – Udemy
- Network Security Fundamentals – Great Learning

AREA OF INTRESTS

- Incident Response & Digital Forensics
- Malware Analysis & Reverse Engineering
- Cloud Security (AWS / Azure Basics)
- Security Automation using Python

ACHIEVEMENTS

Won the AppViewX Payoda Hackathon

DECLARATION

I hereby declare that all the information provided above is true to the best of my knowledge and belief. I bear the responsibility for the correctness of the above-mentioned particulars.