Rakshith U

✉ rakshuumesh@gmail.com 📱 (+91) 63637 86255 | 📍 Bengaluru, Karnataka
🔗 https://www.linkedin.com/in/rakshith-u-72b54b251/

Objective

Seeking a job opportunity in the field of cybersecurity where I can leverage my passion for cybersecurity, analytical skills, and knowledge of threat detection methodologies. I am eager to contribute to the identification and mitigation of potential security risks while gaining practical experience in a real-world environment.

Education

GATE
CLEARED GATE (2023)

Google Cybersecurity Professional Certificate — *Developed by Google | Coursera*
Mar 2024

Cybersecurity and Threat Hunting Training — *Cybersapiens United LLP.*
Jan 2023 – Sep 2023

Government Sri Krishna Rajendra Silver Jubilee Technological Institute — *Bengaluru*
B. E IN COMPUTER SCIENCE — *Dec 2020 – Aug 2024*
GPA: 8.50

Soundarya Composite Pre-University College — *Bengaluru*
PUC IN SCIENCE, PCMC — *May 2018 – Mar 2020*
Percentage: 95.33 %

Triveni Public School — *Bengaluru*
10TH — *May 2017 – Mar 2018*
Percentage: 86 %

Work Experience

CyberSecurity Finishing School — *CySecK, IISc., Bengaluru*
TRAINEE — *Feb 2024 – Mar 2024*
- Blue teaming in AWS.
- Project on "Forensic Analysis after a simulated data breach".
- Trained on basic security configurations in AWS and hands-on practice in deploying Wazuh.

Central Manufacturing Technology Institute — *Bengaluru*
INTERN — *Aug 2023 – Oct 2023*
- Site Safeguard: Web PenTest
- Node-RED Fortified: User Authentication and SSL Binding.

CyberSapiens United LLP — *Bengaluru*
INTERN — *Jan 2023 – Sep 2023*
- Conducted Web penetration testing on client's websites
- Researched and published articles on various vulnerabilities and their corresponding defense mechanism.

Skills

Web Application PenTesting
AWS: EC2, VPC, GuardDuty, CloudTrail, CloudWatch, S3.
Networking protocols: TCP/IP, UDP, DNS, HTTP, etc.
Knowledgeable in various operating systems: Windows, Linux
Familiarity with programming languages: Python, Java, SQL, C, C++
Experience with vulnerability assessment and pen testing tools: Burp Suite Pro, Wireshark, Nmap, etc.
Understanding of common cybersecurity frameworks: MITRE ATT&CK, OWASP TOP 10
Basic understanding of web application security and common vulnerabilities: SQL injection, XSS, CSRF, etc.
SIEM Tools and Packet Sniffers: Suricata, Wazuh, Tcp Dump, etc.

Projects

OWASP Eagle Eye   *Final Year Project, Ongoing*

DESIGNING AN WEB APPLICATION VULNERABILITY SCANNER TO PERFORM PENETRATION TESTING
AND IDENTIFY THE VULNERABILITIES IN THE WEB APPLICATON.

Text Encryption/Decryption Mobile Application   *Java, AES Algorithm*

DEVELOPED TEXT ENCRYPTION / DECRYPTION APP BY IMPLEMENTING AES ALGORITHM, USING JAVA IN ANDROID
STUDIO FRAMEWORK AS A MINI PROJECT FOR 6TH SEMESTER.

Hospital Management System   *SQL, JavaScript, PHP*

I DESIGNED AND DEVELOPED A SYSTEM AIMED AT STREAMLINING HEALTHCARE OPERATIONS AND ENHANCING
PATIENT CARE. AS PART OF THIS PROJECT, I IMPLEMENTED A ROLE-BASED ACCESS CONTROL SYSTEM TO
EFFICIENTLY HANDLE CUSTOMER REQUESTS. I ALSO ADHERED TO SECURITY BEST PRACTICES TO GUARANTEE
DATA SECURITY, MAINTAIN CONFIDENTIALITY, AND MITIGATE POTENTIAL ATTACKS, INCLUDING SQL INJECTION
AND XSS.