

Ragul Loganathan

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Profile

Cybersecurity Specialist pursuing a Master's in Cyber Security, with hands-on programming experience and a focus on penetration testing. Proficient in troubleshooting complex issues, with skills in Python, C++, and AI-driven projects. Strong leader as former tech club president, eager to drive innovative cybersecurity solutions in threat detection and vulnerability assessment.

Skills

- Programming: Python, C++.
- Cloud Platforms: Azure, AWS.
- Cybersecurity: Penetration Testing, Threat Detection, Vulnerability Assessment.
- Database: MySQL, Xampp.
- Web Development: HTML, CSS, JavaScript, Bootstrap.
- Networking: Network Configuration, Network Security, VPN, TCP/IP, OSI Model.
- Technical Troubleshooting: Issue Resolution, Debugging, Technical Support.

Professional Experience

Centre for Cyber Security Research and Studies, Cyber Security Intern 09/2024 – present

- Performed vulnerability assessments with OpenVAS, Netcat, Wireshark, and Zenmap, identifying SSL/TLS issues and TCP timestamp vulnerabilities.
- Analyzed network traffic with Wireshark to detect suspicious patterns and enhance security monitoring.
- Studied phishing attack techniques and implemented defenses like email filtering and user awareness training.

VIRTUALLY TESTING FOUNDATION(VTF), CYBER SECURITY VALIDATION ANALYST TRAINEE 02/2024
United States (Remote)

- MITRE framework through hands-on practice
- Developed skills in simulating cyberattacks and responses
- Enhanced cloud security expertise to address evolving threats

TCS, CYBER SECURITY VALIDATION ANALYST 01/2024
Chennai

- Gained expertise in IAM fundamentals and strategy assessment
- Developed custom IAM solutions and platform integration skills
- Applied practical knowledge in identity and access management

Education

Hochschule der Bayerischen Wirtschaft, Ms in Cyber Security present
Munich, Germany

Bengaluru North University, BACHELOR OF COMPUTER APPLICATION (8.60 GPA) 2020 – 2023
Bengaluru, India

Projects

Email Spam Dedector Using Python, 03/2024 – 03/2024

Link: <https://github.com/ragul253/Email-Spam-Detector-using-Python> 🔗

- Developed a Python spam filter using machine learning to classify emails by word frequency.

Fake-Ur-MAC, Link: <https://github.com/ragul253/Fake-ur-MAC> 11/2023 – 12/2023

- Developed a MAC Address Spoofer in Python using scapy to manipulate MAC addresses and restore original addresses for target devices.

Simple Portfolio Site Using Html and Css. 🔗 <ul style="list-style-type: none"> - Developed a portfolio website using HTML and CSS - Showcased web development expertise and skills - Designed to attract potential career opportunities 	09/2023 – 09/2023
Tamil Selvi a basic Ai Assistant, Link: https://github.com/ragul253/Tamilselvi-AI-basic-assistant 🔗 <ul style="list-style-type: none"> - Developed Tamilselvi, an AI assistant using Google Gemini API and Python - Improved information retrieval with natural language processing - Provided accurate responses to user queries 	07/2023 – 07/2023
Blood Bank Mangement System, Link: https://github.com/ragul253/bloodbank 🔗 <ul style="list-style-type: none"> - Built Blood Bank System using HTML, CSS, JavaScript, Bootstrap, and SQL - Streamlined donor processes and tracked blood inventory - Automated blood request matching for efficiency 	2023 – 2023
Leave Management System, Link: https://github.com/ragul253/Leavemngt 🔗 <ul style="list-style-type: none"> - Developed Employee Leave System with Visual Studio and MySQL - Automated leave requests and email notifications - Created manager dashboard for leave approvals and tracking 	2022 – 2022

Course Work and Certifications

Python for Cyber Security Professionals 🔗 <ul style="list-style-type: none"> - Proficient in Python scripting and data security through cryptography - Skilled in automation and tool development for cybersecurity applications 	01/2024
Postman API Fundamentals Student Expert 🔗 <ul style="list-style-type: none"> - Experienced in CRUD operations and scripting for automated workflows - Proficient in using Postman for API management and testing 	01/2024
Introduction Into Cyber Security And Networking Basics 🔗 <ul style="list-style-type: none"> - Skilled in vulnerability management and penetration testing - Proficient in Linux, Unix, and SQL for network setup and troubleshooting - Knowledgeable in using tools like Packet Tracer for network configuration. 	07/2023
MTA (MICROSOFT TECHNOLOGY ASSOCIATE) - Networking Fundamentals 🔗 <ul style="list-style-type: none"> - Skilled in WAN implementation and management - Focused on optimizing network performance and security - Experienced in designing and troubleshooting network infrastructures 	08/2021

WORKSHOPS AND GLOBAL CONFERENCE

Journey Into Ethical Expolitation - An offline Workshop by Red Team Hacker Academy. 🔗 <ul style="list-style-type: none"> - Skilled in vulnerability analysis of (WannaCry case study) - Proficient in Metasploit for ethical hacking on Windows systems - Experienced in using tools to enhance system security 	01/2024
VTF Feb 2024 Bootcamp 🔗 <ul style="list-style-type: none"> - Mastered purple teaming with the MITRE framework - Hands-on experience in simulated cyberattacks and responses - Managed time zone differences, showing commitment to learning 	02/2024 – 02/2024

Languages

ENGLISH – B2 LEVEL • TAMIL – Native