Salimul Hashir

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Summary

Motivated Computer Science Engineer with a keen interest in Cyber Security. Possessing a solid foundation in programming languages, network security, software engineering and ethical hacking techniques. Eager to leverage academic knowledge and practical skills gained through coursework and projects to contribute effectively to the field of cyber security. Strong problem-solving abilities and a dedication to staying abreast of the latest technological advancements in cyber security. Seeking opportunities to apply theoretical knowledge in real-world scenarios to further develop expertise and make a positive impact in the field.

Education

Bachelor of Engineering in Computer Science and Engineering (Cyber Security)
Dr. Mahalingam College of Engineering and Technology   Expected: May 2026
CGPA: 8.00/10 (Till 5th Sem)
Higher Secondary
Vairams Matriculation Higher Secondary School, Pudukkottai   May 2022
Percentage: 82.83%
Senior Secondary
Vairams Matriculation Higher Secondary School, Pudukkottai   March 2020
Percentage: 82.6%

Skills

Technical: Cybersecurity, Linux Administration, System Hardening, Penetration Testing, Networking, Data Structures and Algorithms
Tools: Wireshark, Metasploit, Burp Suite, VirtualBox, Jupyter, Visual Studio
Programming: Python, Bash, C++, MySQL, Java, HTML, PHP
Operating Systems: Windows, Linux, Android, macOS
Soft Skills: Leadership, Communication, Problem-Solving, Time Management, Attention to Detail, Conflict Resolution, Business English

Experience

Corporate Security Intern – LTIMindtree
DLF Cybercity SEZ, Chennai   July 2024 – Aug 2024

- Observed and learned from the Corporate Security Department's daily operations.
- Gained insight into SIEM tools and network endpoint configurations.
- Studied the configuration processes for firewalls, routers, and intrusion prevention systems (IPS).
- Learned about secure system administration and network device hardening.
- Researched vulnerability assessment techniques and remediation strategies.
- Participated in security audits as an observer, understanding compliance requirements.
- Monitored emerging cybersecurity threats and contributed reported observation to the team.

Software Support Apprenticeship – Stark Tech
Dr. Mahalingam College of Engineering and Technology   April 2023 – June 2023

- Integrated software with IoT devices and deployed IoT and robotic products.
- Enhanced system efficiency through software and hardware optimization.
- Developed and tested APIs for device communication and data handling.
- Provided technical documentation and user guides for internal use.

Projects

Custom Linux OS Optimized for Secure Framework
Mentor: Ms. M. Jotheeswari – AP/CSE(CS)   February 2025 – May 2025

- Built a customized Linux operating system from the ground up with LFS (Linux from Scratch) as model.
- Improved system optimization by customizing the Linux environment for performance efficiency.
- Implemented advanced security modules for enhanced system protection.
- Hardened the operating system against common vulnerabilities by applying security patches.
- Configured access control policies and SELinux for better system security.

Secure Chat Application Using End-to-End Encryption
Mentor: Mr. M. Sakthi Vadivel – AP(SS)/CSE(CS)   March 2024 – June 2024

- Developed a secure messaging platform using the MERN stack with end-to-end encryption.
- Enabled voice, video communication, and secure file sharing across platforms.
- Implemented robust encryption protocols (AES-256, RSA) to ensure secure data transmission and storage.
- Designed a secure user authentication system using multi-factor authentication (MFA).
- Developed an automated key exchange mechanism for seamless encryption key management.

Chatbot for Mining Industry Regulations
Mentor: Dr. K. Vivekanandan – HoD - AP/CSE(AIML/CS)   October 2023 – December 2023

- Created a chatbot using transformer technology to interpret mining industry regulations.
- Increased accuracy in answering regulatory queries for the Government of India.
- Developed as part of the Smart India Hackathon (SIH) 2023, addressing real-time industry problems.
- Enhanced natural language understanding (NLU) capabilities for better user query comprehension.
- Implemented a knowledge base for faster and more accurate responses to regulatory inquiries.

Certifications

- Linguaskill Business English Certificate – Cambridge English
- Certification in Cybersecurity – ISC2
- Google Cybersecurity Professional Certificate – Coursera

Leadership and Involvement

Technical Team Head – Encryptix (Department Association of Cyber Security)

- Led technical initiatives, including workshops and events, fostering innovation and teamwork.
- Guided a team of students to implement cybersecurity projects addressing real-world challenges.
- Established collaboration with industry professionals to provide technical insights and mentorship.

School Pupil Leader – Vairams Matriculation Higher Secondary School

- Led school initiatives and coordinated student activities to foster leadership development.

Achievements

District Topper – National Olympiad for Maths, Science, and English (2017-2019)
Extracurricular Achievements – Earned multiple accolades in diverse areas including technical innovations, cultural events, and sports competitions.

Hobbies

Badminton, Video Games, Reading, Photography, Cricket

Last updated: February 27, 2025