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Internship

Cybersecurity Trainee

June 2024 - July 2024

Techvanto Academy

- Acquired hands-on experience in cybersecurity principles and system administration tasks.
- Developed and implemented a secure password manager using Python, integrating it with MySQL/MariaDB.
- Enhanced system efficiency by leveraging Linux OS features and optimizing configurations.
- Conducted vulnerability assessments and implemented security measures to protect system integrity.
- Collaborated with team members to troubleshoot and resolve system issues, improving overall system performance.

Projects

SimplePass | Python, MariaDB, Docker, Linux, Virtual Machines, Cryptography

June 2024 - July 2024

- Developed a secure password manager using Python and MariaDB, leveraging AES 256-bit encryption to ensure data protection.
- Enhanced user interaction by implementing a CLI with the Rich library, providing an intuitive and accessible interface.
- Incorporated robust security practices to safeguard credentials and sensitive data.
- Github Repository Link: github.com/iamb4uc/SimplePass

Skriptz | Shell-Scripting, Linux, Git, Python, Docker

Since May 2024

- Created a versatile repository of scripts for cybersecurity audits and network scanning, enhancing security analysis capabilities.
- Developed a meta script adaptable to various operating environments, improving script portability and functionality.
- Integrated multiple scanning and auditing tools to streamline and enhance usability.
- Github Repository Link: github.com/iamb4uc/Skriptz

DOOMSDAY System | C, Python, Linux, Git, Bash

Since March 2024

- Integrated a high-performance terminal emulator with a lightweight window manager, optimizing system efficiency and resource usage.
- Centralized configuration management using dot-files, significantly enhancing customizability and user control.
- Automated system setup and configuration processes with advanced Bash scripts, streamlining device initialization.
- Github Repository Link: github.com/iamb4uc/doomsday

Certificates

Google Cybersecurity Professional Certificate

Pursuing

Google via Coursera — Course 1 Certificate · Course 2 Certificate · Course 3 Certificate

Practical CyberSecurity for CyberSecurity Practitioners

Pursuing

IIT Kanpur

Cyber Security & Hacking

July 2024

Techvanto Academy — Certificate Link

Go (Basic)

July 2024

HackerRank — Certificate Link

SQL (Basic & Intermediate)

July 2024

HackerRank — Certificate Link (Basic) - Certificate Link (Intermediate)

Skills

Core: Networking, Operating Systems, Hardware Troubleshooting, Cryptography, Virtualization, Cloud Computing, DBMS, System Administration, Cybersecurity, Access Control, Automation/DevOPS.

Languages: C, C++, Shell Scripting, Python, PHP, Go, Java (Core).

Database: MySQL/MariaDB, Oracle, PostgreSQL.

Tools: Git, Docker, Linux, Vi/Vim, Windows, Nginx, Apache, Cisco Packet Tracer, Tcpcdump, Nmap, Wireshark, VMware, QEMU/KVM, SIEM (Splunk), Nessus, Snort, Metasploit Framework, Burp Suite.

Others: Google Workspace, Microsoft 365, LaTeX, Markdown.

Soft Skills: Communication Skills, Problem Solving, Detail Oriented, Time Management, Collaboration, Adaptability, Creativity, Empathy, Growth Mindset, Honesty.

Education

Lovely Professional University

Since, 2023

Masters of Computer Applications (MCA) | TGPA: 7.96

Assam University

2020 - 2023

Bachelors of Computer Applications (BCA) | CGPA: 8.52

Senior Secondary, Secondary Education Board of Assam

2018 - 2020

Holy H.S. School | CGPA: 6.40