PATHUM VIMUKTHI

CyberSecurity Engineer Intern

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ABOUT ME

Undergraduate student at the Faculty of Engineering, University of Ruhuna, with a strong passion for cybersecurity, and also a competitive programmer, web developer, and enthusiastic problem solver, always eager to take on new challenges and grow through innovation.

EDUCATION

University of Ruhuna, BSc (Hons) in Computer Engineering   **May 2023 Ongoing**

Related coursework: Software project, Web development, Information security, Computer Architecture, Data structures and Algorithms, Design patterns, Operating System , GUI development, Object Oriented Programming, Databases.

SKILLS

- **Cyber security:** Web application security, penetration testing.
- **Front-end development:** React, Boostrap, JavaScript .
- **Back-end development:** Node/Express, Java/SpringBoot.
- **WSO2 technologies:** Ballerina.
- **Databases:** MySQL, MongoDB, MariaDB.
- **DevOps and Cloud computing:** Linux, CI/CD, Docker, Jenkins, and AWS.
- **Tools and technologies:** Metasploit, Nmap, Burp Suite, Git, and Jira.
- **Low-Level Development:** C/C++, Assembly.
- **Soft Skills:** Project Management, Communication, Critical thinking, Leadership.

PROJECTS

Request Management System (For Engineering Faculty)

- Complaint Collection: Gathering and categorizing all complaints from the faculty.
- Assignment: Assigning specific complaints to appropriate personnel (administrative or faculty).
- Monitoring: Tracking the progress of complaints and resource usage.
- Resource Allocation: Ensuring that the necessary resources are available and allocated effectively to address the complaints.
- Framework Used: React.js,Tailwind CSS , Nest .

Other Project

- Budget Tracker Using React.js and Node/Express

CERTIFICATE

- Introduction to Cybersecurity (Cisco)
- Network Enumeration with Nmap(HackTheBox)
- Linux(HackTheBox)
- Web Application Security(HackTheBox)
- Applied ChatGpt for Cybersecurity(Coursera)

ACHIVEMENTS

- Won 3rd place from Volcast Ideathon competition organized by Electrical and Information Engineering University of Ruhuna.
- Achieved 40th place in the Sri Lanka section and 604th globally in the IEEEXtreme 18.0 Programming Competition.
- Secured 4th place in the Cyber Rush Offensive Capture The Flag (CTF) Competition, organized by the Moratuwa Department of Computer Science & Engineering.
- Achieved 6th place in the final standings of the CodeX Coding event organized by the Department of Computer Science & Engineering, University of Moratuwa.

EXTRACURRICULAR ACTIVITIES

- Part of the "Guide to Proper Domestic Installation" project under , the Engineering Council of Sri Lanka (ECSL).
- Program team member of HaXtreme 3.0, an inter-university competition.
- Teacher and District Coordinator for the Mehewara program.

REFERENCES