



RAVINDU RATHNAYAKA

CYBER SECURITY UNDERGRADUATE



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PERSONAL

Name	Rathnayaka Mudiyansele Ravindu Mahel Landekumbura Rathnayaka
Birthday	29th March 1999
Nationality	Sri Lankan



PROFILE

An ambitious and driven undergraduate student pursuing a degree in cybersecurity, eager to contribute to the field and gain hands-on experience. Possessing a solid foundation in cybersecurity principles, network security, and ethical hacking techniques. A quick learner with a passion for staying abreast of the latest security trends and emerging threats. Skilled in conducting risk assessments and vulnerability scanning to identify potential weaknesses in systems. Proficient in utilizing security tools and technologies to safeguard sensitive data and prevent unauthorized access. Strong problem-solving and critical-thinking abilities, combined with effective communication skills, enabling effective collaboration with cross-functional teams. Seeking an opportunity to apply theoretical knowledge and gain practical experience in a dynamic cybersecurity environment.



PROFESSIONAL SKILL

Programing Languages
Python
C/C++
Java
Database Manipulation
MySQL
Oracle
Network Configuration
Cisco Packet tracer
Linux Configurations
Kali linux
Ubuntu
Web Development
JavaScript/JSP
HTML/CSS/PHP



SOCIAL LINK

[in www.Linkedin.com/in/r-m-r-m-l-rathnayaka](https://www.linkedin.com/in/r-m-r-m-l-rathnayaka)



EDUCATION

UNDERGRADUATE BACHELORS DEGREE / 2019 - 2023

BSc(Hons) Computer Security - Second Class Honours (Upper Division)
PlymouthUniversity-UnitedKingdom(2019-2023)
Aggregate Final Mark: 57.46

PROFESSIONAL CERTIFICATIONS

NVQ Level 4 - Computer Hardware Technician
CertificateNumber-103082654
Cisco IT Essentials
AcademyName-VTA of SriLanka

SCHOOL EDUCATION

Central College Bandarawela
Sri Lanka G. C. E. Advanced Level (Physical science with ICT)
Sri Lanka G. C. E. Ordinary Level



COMPLETED PROJECTS

JAVELIN : AUTOMATED PENETRATION TESTING TOOL

Javelin is a project that utilizes Deep Reinforcement Learning algorithms to automate the penetration testing process. this project aims to provide a framework for automating the process of identifying and exploiting vulnerabilities in computer systems. AutoPentest uses a combination of Deep Learning and traditional security tools to learn from previous exploits and adjust its strategies accordingly, making it more efficient and effective over time. The project includes several modules, including a vulnerability scanner, a port scanner, and an exploit generator, among others.

Technologies : TensorFlow, Nmap, Metasploit
(Final Year Project)

Git Link - <https://github.com/RavinduRathnayaka/Javelin.git>

HOTEL MANAGEMENT SYSTEM With PayPal Gateway

This project is a website that is responsive and secure also it is a thread-safe website. Web page design is not complex so it can be understood by any user. This website is planned and built according to the MVC architecture. Also, I intergrade SMS and Email verification system into this website to prevent scams and mitigate fake inputs. The page has an integrated payment gateway to make money transactions via Paypal API.

Technologies : Java, JSP, HTML, CSS, PayPal API, Gmail API

Git Link - https://github.com/RavinduRathnayaka/Hotel_Management_System.git

ASAPCALLER : DRIVER RESCUE SYSTEM

ASAP Caller is a driver rescue system that reduces the number of deaths caused by vehicle accidents. The goal of this project is to inform emergency lines when an accident is detected by the system. So, this system will help to reduce the chance of death by reducing the time to receive medical attention.

Technologies : Arduino, C# , IoT, GPRS

Git Link - <https://github.com/RavinduRathnayaka/ASAPCaller.git>



REFERENCES

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