Ranush Mithila

CYBER SECURITY ENTHUSIAST

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PROFESSIONAL SUMMARY

I am a Cyber Security-focused undergraduate at SLIIT, skilled in hacking, Linux, web security, and Android app testing. Successful bug bounties for Helakuru, Payhere, and Bugzero enhanced my system security insights. I excel in teamwork, leadership, and project management. With a diverse background, I'm a well-rounded candidate ready for technology roles, aspiring to impact SOC, VAPT, Cloud, and networking.

EDUCATION

BSc (Hons) in Information Technology Specializing in Cyber Security (Undergraduate, Year 3 Semester II)
Sri Lanka Institute of Information Technology, Malabe.
Current Academic Status – (AGPA – 3.26)

Royal College, Polonnaruwa (2006 to 2019)
Advance Level - Physical Science Stream, 12/2020

SKILLS

- Web application penetration
- Android application penetration
- Web development
- Linux
- MySQL

- Microsoft SQL
- C/ C++
- Python
- JAVA
- VB.net

CERTIFICATIONS

- Certified in Cybersecurity – ISC^2 (2023)
- Subdomain Takeovers for Pentesting & Bug Bounties – Securzy (2023)
- Burpsuite for Beginner – Securzy (2023)
- Advent of Cyber 2022(Basic Cyber Security Knowladge and Experience) – Try Hack me (2022)
- Introduction to Cyber Security Principles - IEEE CyberShield (2021)
- Pentesting and Social Engineering – Securzy (2022)

PROJECTS

- **Chat application with end-to-end encryption**
  Created a Signal-like chat application for secure communication using Flutter (mobile), Node.js (backend), and MongoDB (encrypted message storage). Implemented strong end-to-end encryption and efficient key management. Demonstrated commitment to data privacy in a cross-platform solution. Check out the project link

- **Library Management System (Group Project)**
  Collaborated with a team of five to develop a dynamic system using PHP, JavaScript, HTML, and CSS. Leveraged MySQL for robust database management, resulting in an intuitive interface for efficient library resource organization. GitHub link showcases our teamwork and technical proficiency.
- **Digispark-Based Exploit Scripts**
  Designed creative scripts using Arduino IDE for Digispark, initially crafted for amusement but potentially exploitable. These scripts, accessible via project link, exhibit my coding ingenuity. While primarily intended for playful purposes, the scripts underscore my knack for coding with Digispark, acknowledging the dual nature of their applications.
- **Capture The Flag (CTF) Victory**
  Engaged in an ISACA-organized CTF event with my team, "ILOVEYOU," achieving top honors alongside another team. Demonstrated prowess in cybersecurity problem-solving during my second year, contributing to our shared success. Check out the event's leaderboard for validation of our achievement and competitive spirit.

BUG BOUNTIES

- **Helakuru Bug Bounty Program**
  Actively contributed to Helakuru's vulnerability assessment program, where I identified and reported critical security loopholes such as Blind SQL Injection. My contributions, which were marked as critical, substantially fortified the app's security framework and user safety precautions.
  Hall of frame

- **Bugzero Bug Bounty Program**
  Played a pivotal role in Bugzero's cybersecurity program, successfully detecting and reporting potential system threats such as IDORS and authentication bypass. My reports, designated as critical, significantly augmented the platform's security infrastructure, thereby enhancing the user's secure experience.
  Hall of frame

- **Payhere Bug Bounty Program**
  Payhere Data Protection Program Participated effectively in Payhere's bug bounty initiative, where I pinpointed and reported severe security vulnerabilities, specifically a bypass method for payment procedures. My critical reports substantially boosted the platform's data security robustness and overall system resilience.
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NON-RELATED REFEREES

Amila Senarathne
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