

Sachin Tharaka

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Personal Profile

A dedicated software engineering undergraduate seeking an opportunity to move into cybersecurity, leveraging a strong foundation in technology and a passion for cybersecurity to contribute to safeguarding digital assets. Able to quickly learn new technologies and willing to gain hands-on experience in a collaborative environment.

Education

University of Kelaniya BSc (Hons) in Software Engineering GPA - 3.78	2020 - Present
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Reserach Project Enhance Patient Information Data Cycle in Sri lankan Heathcare	2023 - 2024
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Experience

promiseQ GmbH <i>Intern Software Engineer</i>	Jan 2023 - Jun 2023
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promiseQ GmbH <i>Associate Software Engineer</i>	Jun 2023 - Feb 2024
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Certifications

- IBM Cybersecurity Analyst Professional Certificate
- ISC2 Certified in Cybersecurity (CC) Self-Paced Training
- ISC2 Systems Security Certified Practitioner (SSCP)(Reading)

Technical Skills

Programming Languages: C, Java, Python, JavaScript
Cybersecurity Tools: Burpsuite, Wireshark, Linux, Nmap
Technologies: React, VueJs, Spring Boot, MySQL, Firebase
Source Control: Git, Gitlab

Knowledge in

Incident Response: SIEM (Security Information and Event Management), Incident Handling

Encryption: AES, RSA, Hashing (SHA-256, MD5)

Compliance: ISO 27001, GDPR, NIST Framework

Network Security: Firewalls, VPN, IDS, IPS

Technical Documentation and Agile Methodologies

Cyber Threat Intelligence

Projects

PrimitiveOS

GitHub: github.com/Sachin-Tharaka/PrimitiveOS

- Developed a basic operating system with features like input/output handling, interrupts, paging.

Foster Pet

GitHub: github.com/Sachin-Tharaka/FosterPet

- Designed a community-based pet boarding platform using React Native.

LMS (Learnzilla)

GitHub: github.com/nipuninawodani/LEARNZILLA

- Contributed to building a learning management system with React, Material-UI, and Spring Boot.

Python Mailing-Client

GitHub: github.com/Sachin-Tharaka/MailingClient

- Developed a simple mail-sending script, learning socket programming in Python.

Soft Skills

- Teamwork and Leadership
- Problem-solving and critical thinking
- Time management and adaptability

Extra-Curricular Activities

- President of the Software Engineering Students' Association, University of Kelaniya
- Organizing Lead of the RealHack 5.0(2024)
- Participated in MoraXtreme 6.0, Junior-Hack, and Google Hash Code 2022
- Placeholder in National Level Competitions (Writing) five times

References

Dr. Nalin Warnajith

Unit Head(Software Engineering Teaching Unit),

Senior Lecturer, University of Kelaniya

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Mr. Dimuthu Lakmal

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