SAI KANTAMUNENI

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HIGHLIGHTS OF QUALIFICATIONS

- Recent graduate seeking opportunities in the cybersecurity field and passionate about learning new technologies.
- 1 year experience working as a 5-G Software Developer Co-op at Ericsson from Sept 2022 – Aug 2023.
- Acquired the SSCP certification from ISC2 in June 2024 and currently a member of ISC2 Toronto Chapter.

EXPERIENCE

5-G Software Developer Co-op (Co-op Program)   Sept 2022 – Aug 2023
Ericsson Canada, Kanata, Ontario, Canada

- Utilized Python along with Machine Learning algorithms to evaluate and analyse KPIs of local and international cellular networks.
- Participated in code reviews regularly and optimizing code for higher efficiency.
- Collaborated with multiple teams across US, Canada and Sweden.

Network Engineer Intern   Jun 2016 - Jun 2017
Cluster Infotech Pvt. Ltd., Hyderabad, India

- Installed, configured and supported network infrastructure.
- Performed network maintenance and system upgrades including service packs, patches, hot fixes and security configurations.
- Helped in defining and maintaining technology documentation and documenting network configurations.

PROJECTS

Password Manager in Python
- Implemented features such as Strength Checker, Password Generator and a database for efficient storage.
- Created a GUI using Tkinter and incorporated master password functionality and encryption for security.

Cryptography in Python
- Implemented simple ciphers such as Caesar, Reverse, ROT13 and Substitution to protect data.
- Executed complex algorithms such as Vignere Cipher, Symmetric and Asymmetric Ciphers and RSA Algorithm.

Cybersecurity in Python
- Developed basic cybersecurity concepts in python like port scanner, vulnerability scanner and SSH brute forcer.
- Implemented red-team techniques as keylogger, password sniffer and password cracker.

SKILLS

Operating Systems: Windows, Linux
Penetration Testing Tools: Nmap, Wireshark, Metasploit
Programming Languages: C, Python, MATLAB, SQL
Software Tools: Microsoft Office (Word, Excel, PowerPoint)

OTHER EXPERIENCE

Volunteer, ISC2 Toronto Chapter   Oct 2024 –
Toronto, Ontario, Canada

- Responsible for developing questions for the Certified in Cybersecurity (CC) certification exam.
- Member and volunteer in ISC2 Toronto Chapter.

Math and English Tutor   Sept 2024 -
Oxford Learning, Mississauga, Ontario, Canada

- Providing personal tutoring in Math and English to students from Grade 4-12, enhancing their understanding.
- Developed customized lesson plans tailored to individual learning styles, resulting in improved grades

Volunteer, Eden Food for Change   Aug 2024 –
Mississauga, Ontario, Canada

- Helping customers shop for food.
- Managing the onboarding system for new customers.

CERTIFICATIONS

CompTIA Security+	2025
Certified in Cybersecurity (CC), ISC2	2024
Systems Security Certified Practitioner (SSCP), ISC2	2024
Google Cybersecurity Professional Certificate	2024
Microsoft Cybersecurity Analyst Professional Certificate	2024
IBM Cybersecurity Analyst Professional Certificate	2024

EDUCATION

Master of Engineering, Systems and Technology   2022 – 2024
McMaster University, Hamilton ON

Bachelor of Technology, Electronics and Communication Engineering   2017 - 2021
GRIET, Hyderabad, India