

KAVENNESH BALACHANDAR VALARMATHI

kavenneshedu@gmail.com ~ +1 (786) 642-2837 ~ <https://www.linkedin.com/in/kavenneshbv> ~ <https://github.com/kavennesh>

OVERVIEW:

Location: Miami, FL, USA

Self-taught cybersecurity enthusiast with hands-on experience in networking, Linux, and Capture the Flag (CTF) challenges. Strong collaborator with the ability to perform under pressure and make critical decisions. Passionate about learning and staying updated on the latest in cybersecurity.

EDUCATION:

Master's in Cyber Security; Florida International University, USA

August 2024 - Present

BE. in Computer Science and Engineering; Sri Krishna College of Engineering and Technology

November 2020 - May 2024

CGPA: 8.2/10.00

INTERNSHIP EXPERIENCE:

Student Teaching Assistant, Florida International University, Miami, FL

January 2025 - Present

- Assisted undergraduate students in understanding core concepts of C programming through in-class support and doubt-clearing sessions.
- Designed and developed comprehensive exam guides, review materials, and practice exercises to enhance student preparation and performance.
- Collaborated with the instructor to facilitate class discussions, clarify complex topics, and provide feedback on student progress.
- Supported course assessments by helping students review key topics, debug code, and improve problem-solving skills.

Networking and Cyber Security, DECCAAN SOLUTION, Hybrid

December 2023 - February 2024

- Gained hands-on experience with firewall configurations and socket programming.
- Assisted in TLS binding and unauthorized access prevention for website security.
- Assisted in configuring and maintaining secure network infrastructures, enhancing overall system performance and security.

Student Intern, Sun Software Solution, Hybrid

January 2023 - February 2023

- Training on Advance JAVA Technology, Sun Software Solution.
- Gain knowledge in Fundamental of JAVA and to solve complex problem.
- Fundamental understanding of OOP's concepts.

PROJECTS:

VPN Monitoring & Detection System | Coimbatore, TamilNadu

- Designed a VPN Monitoring and Detection system to identify VPN usage within an organization. Implemented Deep Packet Inspection (DPI) to analyze packet-level communication between IP addresses. By using Deep Packet Inspection (DPI) we can monitor the current activity of the packet which is communicating with another IP.

PUBLICATIONS:

Successfully presented and published "VPN Blocker" project at IEEE conference.

TECHNICAL SKILLS:

Programming Languages: Python, Java, C++, Git.

Security Tools: Wireshark, Nmap, Burp Suite, Kali Linux

AWARDS AND EXTRA-CURRICULAR ACTIVITIES:

Secured 1st place in Cyber Security competition in Eraksha, in National level, August 2023

Qualified for Kavach Cyber Security hackathon in College level , Jun 2023