

Aswath A B

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• <https://aswath00.github.io/aswathpf.github.io/>

with beginner-level knowledge in penetration testing, vulnerability assessment, Python, C programming, and working in Linux environments. Experienced in using basic Linux commands for system administration and security tasks. Served as a resource person at the Youth Spark Workshop, where I introduced penetration testing concepts in an engaging and beginner-friendly way. Passionate about expanding my technical skills and building a strong foundation in cybersecurity through continuous learning and practical exposure.

Skills

Technical

Penetration Testing (Basics), Vulnerability Assessment (Basics), Python, C Programming, Linux Environment and Commands, Cybersecurity Fundamentals

Soft

English Communication (Proficient in written and verbal communication), Team Collaboration, Problem-Solving Mindset

Education

MAY 2026

Master of Computer Applications | Rathinam Technical Campus | Coimbatore, Tamil Nadu
8.58 CGPA

MAY 2024

Bachelor of Computer Applications (BCA), Islamiah College (Autonomous), Vaniyambadi, Tamil Nadu
7.85 CGPA

Projects

- **PassCrack – Password Cracker:** Developed a Python-based password-cracking tool implementing brute-force and dictionary attack techniques. Optimized search logic to improve efficiency in simulated cracking scenarios while emphasizing the importance of password security and authentication best practices. This project enhanced my understanding of cybersecurity fundamentals, ethical hacking and secure coding.

Activities

- **Youth Spark Workshop – Resource Person (2025):** Conducted an introductory session on penetration testing for students at Rathinam Technical Campus Coimbatore, simplifying technical concepts into practical learning.