MUDUNURI SHRILEKHA

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LeetCode: https://leetcode.com/u/shrilekha_23/

CAREER OBJECTIVE

Pre-final year CSE student passionate about cybersecurity, threat intelligence, and digital forensics. Skilled in analyzing and mitigating security threats using tools like Wireshark, Burp Suite, and Metasploit. Eager to apply technical knowledge, problem-solving ability, and teamwork to real-world security operations.

EDUCATION QUALIFICATION

- **Bachelors of Engineering – Computer Science and Engineering**
  CMR Institute of Technology (CMRIT), Bengaluru **|** CGPA: 9.25, 2027(pursuing)

- **12th grade – Science**
  Shishya BEML Public School, Bengaluru **|** 91.8%, 2023

- **10th grade**
  Isha Home School, Coimbatore, Tamil Nadu **|** 95.6%, 2021

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, Bash, SQL
- **Cyber Forensics & Intelligence Tools:** Burp Suite, Wireshark, Nmap, Metasploit, Shodan
- **Domains & Techniques:** Threat Intelligence, Incident Response, Vulnerability Assessment, Digital Forensics
- **Operating System:** Windows, Ubuntu, Kali Linux
- **Web Technologies:** HTML, CSS, JavaScript
- **Databases:** MongoDB, MySQL, MariaDB, SQLite
- **Collaboration & Tools:** VS Code, Eclipse, Anaconda, BlueJ, Git, GitHub

PROJECTS

- **Web Application Firewall (WAF)**
  - Built a Flask-based firewall detecting OWASP Top 10 attacks with 100% regex accuracy
  - Reduced brute-force attempts by 90% through IP rate limiting, and rotating logging system
  - Tech Stack: Python (Flask), Regex, SQLite, Logging

- **Bookstore Management System**
  - Developed a role-based application with SHA-256 authentication and audit logs
  - Ensured secure transactional order processing with rollback support
  - Tech Stack: Python (Tkinter), MySQL

INTERNSHIPS

- **Edunet Foundation**
  Jan 2025 – Feb 2025
  Cybersecurity Intern
  - Implemented image steganography to securely conceal data using OpenCV and cryptography, while maintaining proper documentation of digital evidence handling
  - Link to Project: https://github.com/Shrilekha-369/Steganography
  - Earned **Cybersecurity Fundamentals- IBM SkillsBuild Badge**
  - Acquired knowledge on Cyber Kill Chain and MITRE ATT&CK Framework

CO-CURRICULAR ACTIVITIES AND EXTRA-CURRICULAR ACTIVITIES

- **Hackathons**
  - Secured **1st place All-rounder** of AptiCode Showdown 2.0, CMRIT 2025.
  - Finalist, IEEE Sustainable Solutions for Humanity Codeathon 2024 – Led a 3-member team; secured Top 50 position out of 300 teams across Asia-Pacific.
  - Ranked Top 6/100+ in Aptitude Hackathon, CMRIT 2024
  - Competed in national-level hackathons – Smart India Hackathon, 2024 and 2025
- **Online courses and certifications**
  - **Cybersecurity:** Introduction to Cybersecurity – CISCO **|** TryHackMe Labs – Ranked Top 9% globally **|** Hands-On Penetration Testing with Metasploit – Infosys Springboard **|** OPSWAT Security Certifications – OESA, OFSA, OLSA, ONSA, OSSA, OWPA **|** Complete Ethical Hacking Bootcamp – Udemy **|** Google Threat Intelligence Badge – Google Cloud Skills Boost **|** Practical Cyber Security for Cyber Security Practitioners – NPTEL (IIT Kanpur) **|** Preparing for ISC^2 Certified in Cybersecurity
  - **AI and ML:** Introduction to Machine Learning – NPTEL (IIT Madras)
- **Seminars/webinars/workshops**
  - Attended the WeLocal Bengaluru organized by Society of Women Engineers (SWE), 2024 & 2025
  - Selected for SWE Collegiate Leadership Institute 2024–25 Cohort – developed confidence, resilience, and leadership communication skills
- **Technical Club Activities**
  - Core team member of Torvalds Club, CMRIT (since March 2025) – **Lead Organizer** of a 7-hour hackathon "Flowcode" with 40+ teams; Assisted in conducting multiple college-level technical events.
- **Non-Technical Club Activities**
  - Collegiate Member, Society of Women Engineers (SWE), active since 2024
  - **President**, *SWE Student Chapter, CMRIT* – Leading a diverse student team, driving initiatives to strengthen women's representation in engineering, and representing CMRIT on a global platform.
- **Additional Responsibilities**
  - **Associate Director**, CSE Student Senate, CMRIT – Leading student representation, coordinating academic initiatives, and supporting policy improvements.
  - Served as **Class Representative** for 2 semesters – Represented 75+ students, rescheduled 10+ classes with 5+ professors to ensure syllabus coverage, escalated issues to department heads, leading to 2 new policies

AWARDS AND ACHIEVEMENTS

- 1st Place, Collegiate Poster Competition, WE Local Bengaluru 2025 – Presented a research poster on "Optimizing Cancer Detection Through Gene Expression Data"
- Represented India at Academic Games Leagues of America (AGLOA), West Virginia, USA (2016) – Only international team to place among 1000+ U.S. participants
  - Team award, "Linguishtiks" (Grammar and Vocabulary) – earned 3rd place
  - Recognized with a Special Mention in "Equations" (Mathematics)
- Finalist, International Computer Science Competition 2025 (Top 10% globally)
- Silver Honour, International Youth Math Challenge 2024 (Top 8% globally)
- 1st Place, Inter-departmental Chess Tournament 2025 – CSE Girls Team, CMRIT.
- Bronze Medal, National-level Kalaripayattu Championship 2017–18
- Academic Excellence:
  - B.E. in C.S.E., CMRIT – College Topper (Sem I), Centum in Engineering Physics (Sem II)
  - Centum in Computer Science with Python (Class 12) and Computer Applications (Class 10)