LASYA RAO

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OBJECTIVE

Seeking cybersecurity internships to apply and enhance my skills in safeguarding digital assets and contributing to organizational security.

EDUCATION

Institute of Aeronautical Engineering   Expected 2027

B. Tech in Computer Science and Engineering, CGPA: 9.25 (Till III. Sem).
PR/Outreach Lead – Google Developer Groups on Campus
Technical Lead at E-Cell, the college technical club.

SKILLS

Languages   Python, C, Java, SQL, JavaScript, HTML, CSS.

Tools   Kali Linux, Metasploit, Nmap, Wireshark.

PROFESSIONAL EXPERIENCE

Technical Lead – Entrepreneurship Cell (E-Cell)   Jan2025 - Feb 2025
Institute of Aeronautical Engineering, Hyderabad,   *Hyderabad, IN*

- Appointed as Technical Lead to drive all technology initiatives within the E-Cell, impacting 300+ students through digital infrastructure and event platforms.
- Leading an 8-member technical team to develop and maintain web-based tools for event registration, data tracking, and internal workflows, improving the efficiency and technical capabilities of E-Cell operations.

Cybersecurity Intern   Jan 2025 - Feb 2025
EDUNET Foundation – IBM SkillsBuild,   *Hyderabad, IN*

- Developed a Python-based steganography tool (StegaPy), enabling secure transmission of hidden messages in images; achieved >95% accuracy in message retrieval during testing.
- Completed over 20+ hands-on labs in IBM SkillsBuild, covering topics like threat modelling, network security, and incident response

Digital Operations and Growth Associate   Sept 2024
Postdev.in   *Hyderabad, IN*

- Under Training in Postdev Infosec, a pioneering PTaaS startup that delivers cutting-edge cybersecurity solutions globally.
- Engaged in networking events, conferences, and trade shows to establish industry connections and generate business leads.

Public Relations/Outreach Lead   Sept 2024
Google Developer Groups on Campus   *Hyderabad, IN*

- Spearheaded promotion for 10+ technical events, scaling attendance from 50 to 250+ students.
- delivered workshops, webinars, and training programs on various domains including Cybersecurity topics, reaching a wider audience
- Facilitated partnerships with speakers and institutions to enhance event impact and reach.

PROJECTS

Cybersecurity Lab: Meta-Exploitation of Metasploitable VM
Skills: Vulnerability assessment, penetration testing, brute-force attacks
Conducted reconnaissance with Nmap and exploited vulnerabilities (vsftpd, Samba, SSH) using Metasploit.
Gained shell access, performed post-exploitation, and upgraded to an interactive TTY shell. Using Tools like Kali Linux, Metasploit, Nmap and Netcat.

CyberHelp Button – AI-based Deepfake Voice Detection (In Progress)
Conceptualized and prototyped a mobile-first solution to detect AI voice deepfakes and impersonation during calls, designed to function as an SOS tool for user safety.
Selected as runner-up idea in Knowvation Hackathon, validating concept feasibility and user need.

StegaPyX – Steganography Tool
Skills: Python, OpenCV, Tkinter.
Developed a Python tool using OpenCV to hide and retrieve messages in images by modifying pixel values.
Implemented GUI using Tkinter.

LICENSES AND CERTIFICATIONS

- **Google –** Cybersecurity Foundations, Network Security, Risk Management
- **IBM SkillsBuild:** Introduction to Cybersecurity (MDL-403), Cybersecurity Fundamentals

ACHIEVEMENTS

- **Runner-Up –** Knowvation Hackathon 2025
- Led Cybersecurity, GenAI Study Jams and Git/GitHub Workshops (150–200+ participants)