

LITHIN KUMAR M

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PROFILE SUMMARY

Final-year B.E. Computer Science Engineering student (CGPA: 8.4) specializing in Cybersecurity and AI Security. Currently interning at **Elevate Labs, Bangalore** as a **Cybersecurity Intern**, performing real-world vulnerability analysis and SOC support. Hands-on experience in penetration testing, network analysis, and vulnerability assessment using tools like Wireshark, Nmap, Burp Suite, and Metasploit. Aspiring to contribute as a **Cybersecurity Analyst** at **Tekzow Bangalore** by applying practical skills in ethical hacking, SOC monitoring, and incident response.

TECHNICAL SKILLS

- **Programming:** Python, C, Java
- **Cybersecurity Tools:** Wireshark, Nmap, Burp Suite, Metasploit, Nessus, Splunk (SIEM), Firewall Configuration
- **Operating Systems:** Kali Linux, Ubuntu, Windows
- **Core Areas:** Ethical Hacking, Threat Detection, Vulnerability Assessment, Incident Response, IoT Security
- **Version Control:** Git & GitHub

EDUCATION

B.E. Computer Science Engineering — CGPA: 8.4 (Final Year) **12th:** Govt Higher Secondary School, Uddanapalli **10th:** Govt Higher Secondary School, Uddanapalli

INTERSHIPS & EXPERIENCE

Elevate Labs, Bangalore — Cybersecurity Intern (Oct 2025 – Present) • Conducting vulnerability scans and assisting in penetration testing using Nmap and Burp Suite. • Monitoring network traffic and supporting SOC operations for threat detection. • Documenting findings and recommending remediation strategies.

Mindgee Technologies, Bangalore — Cybersecurity Intern (Jun 2025 – Jul 2025) • Assisted in secure web and app development ensuring cybersecurity compliance. • Enhanced system security for digital marketing and e-commerce platforms.

TVS Motor Company, Hosur — In-Plant Training (Feb 2024) • Gained insights into automation and industrial cybersecurity for production systems.

NSIC Technical Service Centre, Chennai — IoT & Android Development (Feb 2023) • Built IoT-based Android applications with secure data transmission and encryption.

Coincent.org — Cybersecurity Project (Mar 2023 – Apr 2023) • Conducted reconnaissance using Google Dorks and identified vulnerabilities in web systems.

PROJECTS (GitHub: github.com/L172004D)

1. **AI-Powered Fraud Detection System (Ongoing)** – Developing ML-based biometric and behavioral fraud detection model for anomaly detection.
2. **Cybersecurity Labs Collection** – Hands-on labs using Linux, Nmap, Wireshark, TryHackMe, and vulnerability testing.
3. **IoT Security Application** – Secure Android app ensuring encrypted IoT communication.
4. **Web Application Vulnerability Assessment (DVWA)** – Performed OWASP-based testing (SQLi, XSS, CSRF).
5. **Wireshark Traffic Analysis** – Captured and analyzed packets to detect network threats.
6. **Network Diagnostic Report** – Nmap & traceroute analysis for latency and packet integrity.

CERTIFICATIONS

- IBM SkillsBuild – Cybersecurity Analyst Pathway (In Progress)
- Cisco Networking Academy – Introduction to Cybersecurity
- Cybersecurity Foundation Certificate
- Ethical Hacking & Network Defense (Self-Practice Series)
- TryHackMe – Jr. Penetration Tester Path (Ongoing)

SOFT SKILLS

CreativeThinking | Analytical Problem Solving | Team Collaboration | Communication | Leadership

LANGUAGES

| Telugu | English | Tamil | Kannada

CAREER OBJECTIVE

Topursuea cybersecurity role at Tekzow Bangalore where I can apply my analytical, technical, and ethical hacking skills to strengthen enterprise security infrastructure and support proactive defense initiatives.