

LEONARD JOMBO

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PROFESSIONAL SUMMARY

Cybersecurity Engineer with a computer science degree and hands-on experience in API security testing, penetration testing, vulnerability research and secure backend development. Proven ability to identify real-world security flaws through Hackerone's vulnerability programs and vulnerability disclosure programs. Brings a strong computer science foundation in programming languages such as Go and Python, that enable application-layer security analysis. Led cybersecurity education and awareness programs reaching 100+ university students through the role of GDSC Cybersecurity Lead.

PROFESSIONAL EXPERIENCE

Cybersecurity Intern · Redynox | Remote Feb 2026 – Apr 2026

- Conducted rigorous security testing of REST API endpoints for web applications, identifying authentication flaws, broken object-level authorization, and input validation issues.
- Applied OWASP API Security Top 10 methodology to assess risk across production-facing APIs.
- Documented findings and produced structured vulnerability reports with remediation recommendations for development teams.

Cybersecurity Researcher · Hackerone | Remote Oct 2025 – Present

- Participating in public and private vulnerability disclosure programs, applying offensive security techniques including recon, fuzzing, and manual testing.
- Responsibly disclosing findings to organizations to improve security posture across real-world applications.

Cybersecurity Lead · GDSC — Maseno University | Maseno, Kenya Sep 2025 – Present

- Lead all cybersecurity programming for the chapter, designing and running hands-on workshops on ethical hacking, secure coding and threat defense for 100+ students.
- Organized and facilitated the GDG Cybersecurity Talk, drawing practitioners and students to engage on career pathways in security.
- Mentoring aspiring security professionals in the university's tech community.

Software Developer Intern · Mawora Poultry Farm | Maseno, Kenya May 2025 – Sep 2025

- Built and deployed web and mobile applications automating farm operations using Go and PostgreSQL, applying secure backend development practices throughout.
- Designed and implemented secure API layer; handled authentication, input validation and data integrity controls.

IT Facilitator · Mulisa Education Centre | Maseno, Kenya Jan 2023 – Present

- Teach foundational programming to young learners; introduced cybersecurity awareness and safe digital practices into curriculum.

PROJECTS

ApGuard — Go · Wireless Security · Network Monitoring

- Wireless intrusion detection tool that monitors network traffic for suspicious activity and unauthorized access patterns — demonstrates offensive-defensive knowledge of 802.11 protocols.

Subnetron — Go · Networking · CLI

- High-performance subnet calculator with IP validation, subnet mask computation, and usable range generation; designed for fast use by network engineers in the field.

Dist101 — Go · Distributed Systems

- Distributed systems simulator demonstrating process migration across nodes, visualizing availability and fault-tolerance behavior — demonstrates systems-level thinking relevant to infrastructure security.

Portfolio Website — Next.js · Supabase

- Responsive personal portfolio built with clean UI and accessibility standards. Live at jomboi8.vercel.app.

TECHNICAL SKILLS

Penetration Testing	Burp Suite, Metasploit, Hydra, Gobuster, Aircrack-ng, Bettercap, Scapy
Network & Traffic Analysis	Wireshark, Nmap, tcpdump, Bettercap
Web & API Security	OWASP Top 10, API security testing
Secure Development	Secure SDLC, TDD, CI/CD
Backend Engineering	Go (Fiber, Gin), Python, PostgreSQL, NeonDB, Redis, Docker
Cloud & Infrastructure	AWS, Linux systems administration
Languages	Go, Python, JavaScript/TypeScript, Bash, SQL
Standards & Frameworks	OWASP, NIST basics, incident response fundamentals

EDUCATION

BSc Computer Science · Maseno University, Kisumu, Kenya 2022 – 2026

Focus: Cybersecurity, AI, Software Development, Cloud Computing, Information Security Management

Activity: Google Developer Student Clubs — Cybersecurity Lead

CERTIFICATIONS & TRAINING

- Networking Basics — Cisco Networking Academy (2025)
- Introduction to Cybersecurity — Cisco Networking Academy (2025)
- Backend Development MasterClass — Udemy (2025)
- PortSwigger Web Security Academy — SSRF, Authentication, Access Control labs (in progress)