GLEN FERNANDES

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LinkedIn GitHub TryHackMe

EDUCATION

B.E. in Computer Science Engineering, KLS Gogte Institute of Technology, Belagavi 2023-2027

Coursework: *Operating Systems, DBMS, Computer Networks, DSA, AI/ML*

SKILLS

- **Languages and Frameworks:** Python, C, JavaScript, HTML/CSS, React.js, Node.js, Express.js, Flask, Vite
- **Databases & OS:** MySQL, phpMyAdmin, Kali Linux, Windows
- **Tools:** Burp Suite, Metasploit, Nmap, Wireshark, Gobuster, Python Scripting, Nessus
- **Certifications:** TryHackMe Jr. Penetration Tester, Google Cybersecurity, IBM Cybersecurity Essentials

EXPERIENCE

TryHackMe |Remote| Cybersecurity Practitioner July 2025 - Present

- Achieved **Top 1%** global ranking, completing 100+ labs across offensive and defensive security tracks.
- Building expertise in network security, penetration testing, vulnerability assessment, ethical hacking, and incident response.
- Practiced exploitation, privilege escalation, enumeration, and log analysis; earned the Jr. Penetration Tester Certificate.

ThunderCipher |Remote| Cybersecurity Intern July 2026 - Present

- Linux fundamentals, networking, web security, vulnerability assessment, and penetration testing.
- Practicing hands-on labs with Nmap, Wireshark, Burp Suite, and Metasploit, maintaining daily technical documentation.

ACHIEVEMENTS

- Finished 1st in TryHackMe Diamond League, demonstrating consistent performance across offensive and defensive security challenges.
- Ranked in the Top 1% globally on TryHackMe among over 3 million cybersecurity learners and practitioners.
- NCC Naval Wing – Republic Day Camp (RDC) Representative | First from naval wing to represent at RDC level.
- Sec Leaf Q2 International CTF 2026 secured top 10 position worldwide among **1034** competing teams.

PROJECTS

Domain Intel Scanner | Python, Flask, React, Vite | GitHub |

- **Engineered a dual-vector scanning engine using React/Vite and Python/Flask** with multi-threaded sockets and Shannon Entropy math to map exposed ports and identify phishing domains.
- **Programmed automated passive modules leveraging crt.sh** to expose hidden shadow IT infrastructure, providing public institutions a free utility to map their attack surface.

SATYA PATRA // MAIL_GUARD (Bulk Asynchronous Email Phishing Detection Tool) | Python | Github |

- **Developed a high-speed Python engine** that executes deep cryptographic header analysis (SPF, DKIM, DMARC) to instantly expose email spoofing and sophisticated impersonation indicators.
- **Designed a secure parsing mechanism** to isolate and analyze raw mail headers for structural defense metrics.

Goa Beach Casa (Full-Stack Luxury Rental Apartment Booking Platform) |PHP, JS, MySQL, HTML/CSS, Razorpay |

- **Independently designed, developed, and deployed** a production-grade vacation rental booking platform serving real guests and handling live reservations.
- **Secured payment processing pipelines** by implementing server-side Razorpay webhook validation handlers to mathematically verify cryptographic signatures.

LEADERSHIP

- CSI Web Master (2026)
- IEEE PES Event Lead (2026)