

GOKUL KRISHNA R

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EXECUTIVE SUMMARY

Motivated cybersecurity student with hands-on practice in vulnerability scanning, penetration testing, and Capture the Flag (CTF) challenges. Skilled in using industry-standard tools such as Nmap, Burp Suite, Metasploit, Hydra, and John the Ripper within Linux environments (Kali, Ubuntu) for reconnaissance, exploitation, and system security analysis. Possess a strong foundation in network protocols, system administration, and information security principles, with practical experience gained through lab-based projects and security-focused coursework. Highly curious and detail-oriented, with proven ability to learn quickly, adapt to new technologies, and apply knowledge to both individual research and team-based security tasks. Driven by a passion for ethical hacking, problem-solving, and continuous learning, and eager to contribute technical skills to real-world security projects, organizational defense strategies, and the broader cybersecurity community.

TECHNICAL SKILLS

- Operating Systems: Linux (Kali, Ubuntu), Windows
- Security Tools: Nmap (network discovery & port scanning), Burp Suite (web application testing), Metasploit (exploit validation), Hydra, John the Ripper

PROJECTS

Password Generator

GitHub 

- Developed a secure password generation web application using HTML5, CSS, and JavaScript, with architecture and code optimization guided by AI assistance
- Leveraged AI tools to accelerate development process, including code generation, debugging, and implementation of cryptographic randomness algorithms for enhanced password security
- Designed a responsive, user-friendly interface with HTML forms enabling customizable password parameters including length, character types, and complexity levels
- Implemented secure client-side password validation, input sanitization, and best practices for creating strong, unpredictable passwords resistant to common attack vectors

Soft Skills

- Critical Thinking
- Attention to Detail
- Team Collaboration
- Time Management
- Curiosity & Continuous Learning

Achievements

- Attended the webinar **Think Like A Hacker** organized by Offenso Hackers Academy
- Attended the webinar **Steganography vs Cryptography – The Battle of Secret Keepers** organized by Offenso Hackers Academy

EDUCATION

Cyber Security
Offenso Hackers Academy

July 2025 – Present

