

# CHANDRAGIRIPRASAD MOORMAN

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in linkedin.com/in/chandragiriprasad-moorman | 🌐 github.com/chandumoorman | TryHackMe: Top 10% India

## Professional Summary

Results-driven cybersecurity specialist with proven expertise in penetration testing and vulnerability assessment. Achieved Top 10% ranking on TryHackMe India Leaderboard through completing 20+ advanced security labs. Engineered security automation tools that accelerated scanning efficiency by 40%, orchestrated phishing simulations impacting 150+ users, and secured 1st place victory in competitive CTF competition against 15 teams.

## Education

### B.E. Computer Science & Engineering

Cambridge Institute of Technology, Bengaluru

Expected: May 2026

Currently: 7th Semester

Relevant Coursework: Network Security, Cryptography, Operating Systems, Data Structures & Algorithms, Database Management Systems, Computer Networks, Web Technologies, Cloud Computing

## Technical Skills

**Security Tools:** Nmap, Burp Suite Pro, Metasploit Framework, Wireshark, Nikto, Hydra, John the Ripper, Gobuster, Hashcat, SQLMap, Aircrack-ng, Netcat, OWASP ZAP, Dirbuster

**Programming:** Python (Requests, BeautifulSoup, Scapy, Socket, Paramiko), Bash Scripting, PowerShell, JavaScript, HTML5/CSS3, SQL, PHP, C/C++

**Platforms:** Kali Linux, Parrot Security OS, Ubuntu, Windows 10/11, Docker, Kubernetes, VirtualBox, VMware Workstation, AWS EC2, Git/GitHub

**Security Domains:** OWASP Top 10, Web Application Security, Network Pentesting, OSINT, Social Engineering, Vulnerability Assessment, Threat Modeling, Incident Response, Digital Forensics

**Networking:** TCP/IP, DNS, HTTP/HTTPS, SSL/TLS, VPN, Firewalls, IDS/IPS, WiFi Security (WPA2/WPA3), Subnetting, Routing Protocols

## Projects & Technical Experience

### Automated Vulnerability Scanner | Python, BeautifulSoup, Requests

Jan - Mar 2025

- Engineered sophisticated Python-based web vulnerability scanner detecting XSS, SQLi, and CSRF across 15+ attack vectors, accelerating manual testing efficiency by 40% for comprehensive security assessments
- Deployed automated crawling mechanism systematically scanning 500+ URLs per session with intelligent regex pattern matching, successfully identifying 35+ critical vulnerabilities in diverse test environments
- Architected multi-threaded scanning infrastructure processing 10 concurrent requests simultaneously, boosting scan completion speed by 3.5x; achieved 80% accuracy through false positive reduction algorithms
- Integrated custom payload generation engine with 200+ attack signatures; implemented rate limiting and stealth mode to bypass WAF detection mechanisms

### Enterprise Phishing Awareness Simulation | Gophish, SocialFish, Python

Aug - Sep 2024

- Orchestrated controlled phishing simulation campaign targeting 150+ participants to assess organizational security awareness, revealing 23% click-through rate and critical training gaps across departments
- Designed 5 realistic attack scenarios mimicking credential harvesting and malware delivery; tracked 300+ user interaction data points revealing 45% clicked malicious links within first 60 minutes
- Delivered comprehensive 20-page security awareness report with tailored recommendations, achieving 60% reduction in simulated phishing susceptibility post-training implementation
- Created interactive dashboard visualizing real-time campaign metrics including email open rates, link clicks, and credential submissions using Flask and Chart.js

## Certifications & Training

Google Cybersecurity Professional Certificate (8-Course Specialization, Coursera 2024) | TryHackMe: Junior Penetration Tester Path (45+ Rooms) | Cisco Introduction to Cybersecurity (2024) | OWASP Top 10 Web Application Security | Information Security Fundamentals | Python for Cybersecurity (Udemy) | Linux Privilege Escalation for OSCP & Beyond

## Leadership & Competitive Achievements

### 1st Place - College CTF Competition, Cambridge Institute of Technology

April 2025

- Led 3-member team to decisive victory against 15 competing teams in intense 24-hour competition; successfully solved 18/25 challenges securing 3200 points through web exploitation, forensics, and cryptography
- Demonstrated advanced problem-solving skills by exploiting complex vulnerabilities including SQL injection, XSS, privilege escalation, and reverse engineering challenges under strict time constraints

### Ethical Hacking Workshop, Null Community Bengaluru

March 2025

- Participated in intensive 2-day hands-on workshop alongside 80+ cybersecurity professionals covering API security testing, mobile application pentesting, and advanced network analysis techniques
- Acquired practical expertise in modern exploitation methodologies, vulnerability chaining, and real-world attack simulation scenarios through live demonstrations

## Additional Information

**Languages:** English (Fluent), Hindi (Fluent), Kannada (Native)

**Availability:** Immediate availability for internships and entry-level positions — Open to relocation across India