

VISHNU SAGAR

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PROFESSIONAL SUMMARY

Cybersecurity enthusiast and fresher with hands-on exposure to SOC operations, ethical hacking, vulnerability assessment, and security monitoring tools. Experienced with cybersecurity labs, CTF challenges, and network analysis using Wireshark, Nmap, Burp Suite, Kali Linux, and Splunk. Currently pursuing an Advanced Diploma in Cyber Defense at Red Team Hacker Academy and preparing for CEH certification. Interested in AI-driven automation, threat monitoring, and modern cybersecurity operations.

TECHNICAL SKILLS

Wireshark, Nmap, Burp Suite, Kali Linux, Splunk, SOC Operations, Threat Analysis, Network Security, Vulnerability Assessment, TryHackMe Labs, CTF Challenges, AI Automation Tools, ChatGPT APIs, Windows, Linux

PROJECTS

True Friends – Secure Messaging Platform (*Ongoing*)

Tech: React.js, Node.js, Express.js, MongoDB, Redis, Socket.IO, Docker

- Developing a real-time chat application with one-to-one and group messaging.
- Implementing end-to-end encryption (RSA + AES) for secure communication.
- Using JWT authentication with OTP verification and secure sessions.
- Enabling real-time messaging using Socket.IO with online status updates.
- Deploying backend using Docker with MongoDB and Redis for scalability.

AI Desktop Agent – Productivity Assistant (*Ongoing*)

Tech: Python, Ollama, Whisper, Automation APIs

- Building an AI-based desktop assistant for daily task automation.
- Using local LLMs (Ollama) for private AI interactions.
- Implementing voice commands using speech-to-text (Whisper).
- Automating system tasks like app launching and workflow execution.
- Designing modular architecture for future tool and browser integrations.

EDUCATION

Advanced Diploma in Cyber Defense (ADCD)

Red Team Hacker Academy | Bangalore, India

Completed: 2026

Bachelor of Commerce (B.Com General)

Government Ramnarayan Chellaram College | Bangalore, India | Jul 2022 – Sep 2025

INTERNSHIP EXPERIENCE

Cyber Security Intern – Internz Learn

- Assisted in identifying security vulnerabilities and analyzing cyber threats
- Performed basic vulnerability assessments and network monitoring activities
- Gained exposure to cybersecurity operations and security best practices

CERTIFICATIONS & TRAINING

- Certified Ethical Hacker (CEH) – Preparing for Certification
- TryHackMe Cybersecurity Labs & Badges
- Advanced Diploma in Cyber Defense (ADCD) – Red Team Hacker Academy (Completed)
- Full Ethical Hacking Training – CampalIn Innovations

INTERESTS

SOC Operations, Threat Monitoring, Ethical Hacking, AI Security & Automation