

Ajay Rama Patgar

Cyber Security Enthusiast • Junior Penetration Tester

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 https://tryhackme.com/p/dragonbones

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 github.com/dragonspoop

 Gudekoppa, Holanagadde, Kumta, Uttara Kannada, Karnataka

SKILLS

Programming & Scripting

Automation

Python, Bash, JavaScript, PHP, SQL

Tools

Kali Linux, Burp Suite, Nmap, Gobuster, Nikto, SQLMap, Hydra, Hashcat, Netcat, Metasploit, Wireshark, Git, GitHub

Networking

TCP/IP, OSI Model, Subnetting, Routing Basics, DNS, DHCP, ARP, HTTP/HTTPS, Cookies, Sessions

Soft Skills

Documentation, Communication, Reporting

Penetration Testing

OWASP Top 10, SQL Injection, XSS, File Upload Attacks, Directory Brute Force, Linux Privilege Escalation Basics, Web Pentesting, Network Pentesting, Vulnerability Assessment, Steganography, Active Directory Attacks

Certificates

Learn Python

Eduative

SQL Injection Attacks

CodeRed

Cybersecurity Awareness:

Cybersecurity Terminology

LinkedIn

Introduction to Artificial Intelligence

LinkedIn

The Cybersecurity Threat Landscape

LinkedIn

PROJECTS

Web Vulnerability Scanner — Python

Python, Requests, BeautifulSoup4, Regex

- Developed an automated scanner capable of detecting missing security headers, open directories, reflected XSS, and basic SQLi patterns.
- Implemented crawling, form extraction, and input fuzzing for deeper coverage.
- Strengthened understanding of HTTP mechanics and automated reconnaissance.

Vulnerable-by-Design Flask Application

Flask, MySQL, HTML, CSS

- Built an intentionally vulnerable web application for hands-on OWASP Top 10 learning.
- Included insecure login, SQL injection endpoints, reflected/stored XSS, weak file upload validation.
- Documented each vulnerability with exploitation steps and secure coding recommendations.

DragonFlix — Movie Streaming Platform UI

React.js | REST APIs | CSS

- Designed a responsive UI to load and display 100+ movies/series using public REST APIs.
- Implemented dynamic search & filtering for genres, trending titles, and top-rated lists.
- Optimized state management to reduce unnecessary re-renders.

Experience

- Completed 100+ labs covering recon, enumeration, exploitation, and privilege escalation on platforms such as TryHackMe, HackTheBox, HackerOne, and OverTheWire.
- Tools used: Nmap, Burp Suite, Hydra, Gobuster, SQLMap etc.
- Ranked in the Top 3% on TryHackMe.

Interests

MCA

PES University, CGPA - 6.98

BCA

Karnataka University Dharwad, CGPA - 7.67

SSLC

BGS Central School Mirjan, Percentage - 76%

Pre University Education

Dr. A. V. Baliga College, Percentage - 71.83%