MUHAMMAD MUSHAB MOIDU

Cybersecurity Researcher | Penetration Tester

Kasaragod, Kerala, India

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Professional Summary

Cybersecurity Researcher with practical experience in cybersecurity research and development, CTF challenge development, penetration testing concepts, and security lab operations. Contributed to cybersecurity research, technical event infrastructure, network and server administration, and technical support at Offenso Hackers Academy. Also develops and deploys web and AI-focused applications, combining security knowledge with software development.

Technical Skills

- Penetration Testing
- Vulnerability Assessment
- Web Application Security
- Network Security
- Malware Analysis
- Digital Forensics
- TCP/IP Networking
- Linux & Windows OS
- Programming & Scripting: Python, Bash

Tools

- Nmap
- Metasploit
- Burp Suite
- Wireshark
- Hashcat
- Hydra
- SQLMap
- Nikto
- Nuclei
- Nessus
- Impacket
- Kerbrute
- Mimikatz
- Gobuster
- FFUF
- LinPEAS

Professional Experience

Security Researcher Intern – Research & Development June 2026 – November 2026

Offenso Hackers Academy Pvt. Ltd., Calicut

- Contributed to cybersecurity research, CTF challenge development, and cybersecurity lab management.
- Supported technical event infrastructure, network configurations, server administration, and technical troubleshooting.
- Assisted staff and students and contributed to technical sessions, workshops, and R&D activities.

R&D Contributor September 2025 – June 2026

Offenso Hackers Academy, Calicut

- Contributed to web application development, CTF activities, cybersecurity events, and technical programs.
- Participated in technical troubleshooting, network administration, and technical problem-solving.

Projects

MEANWHILE – Web Application – meanwhils.vercel.app

- Developed a web platform using Next.js, React, Tailwind CSS, Firebase Authentication, and Cloud Firestore.
- Built application features across Home, News, Create, Explore, and Profile sections.
- Source code: github.com/MuhammadMushab/MEANWHILE

Lina AI – AI-Focused Web Application – linahuman.vercel.app

- Developed and deployed an AI-focused web application and maintained its source code in GitHub.
- Source code: github.com/MuhammadMushab/lina-ai

ExtSafe – Browser Extension Risk Checker

- Developed a browser extension to identify risky permissions and suspicious scripts that may affect user privacy.

FLARE VM OVA – Malware Analysis Lab

- Prepared and exported a pre-configured FLARE VM virtual machine image to simplify malware-analysis lab deployment.

Education

Bachelor of Computer Applications (BCA) 2025 – Pursuing

Yenepoya University

Advanced Diploma in Information Security (ADIS) 2025 – 2026

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Certifications

- Advanced Diploma in Information Security (ADIS)
- Certificate of Appreciation – Offenso Hackers Academy (R&D contribution)