

MOHAMED MAAJED M

Phone: +91 8525935047 | Email: maajedmd2006@gmail.com | LinkedIn: [linkedin.com/in/mohamed-maajed-m](https://www.linkedin.com/in/mohamed-maajed-m)
Labbaikudikadu, TamilNadu 621108, India

PROFESSIONAL SUMMARY

Cybersecurity student with hands-on experience in network security, intrusion detection, and web application security. Proficient in Kali Linux, Suricata, iptables, Nmap, Wireshark, and Burp Suite. Actively building full-stack security tools and real-world IDS/IPS systems. Eager to apply practical cybersecurity skills in an entry-level role while continuing to grow in threat analysis and secure system design.

EDUCATION

B.E. Computer Science – Cybersecurity Specialization | Sri Sairam Institute of Technology [2024 – 2028]

- GPA: 8.2 / 10.0
- Coursework: Programming fundamentals, networking, operating systems, cybersecurity principles
- Practical experience with Kali Linux, vulnerability scanning, and security tool usage
- Active project: IDS/IPS + Firewall system using Suricata and iptables

12th Grade – State Board (Secondary) | Wisdom Metric Hr Sec School [2023 – 2024]

- Percentage: 78.1%

10th Grade – SSLC | Wisdom Metric Hr Sec School [2021 – 2022]

- Percentage: 70.6%

TECHNICAL SKILLS

Cybersecurity & Networking:

- Network security analysis, vulnerability scanning, reconnaissance, ethical hacking fundamentals
- Tools: Kali Linux, Nmap, Wireshark, Burp Suite (basic), Suricata, iptables
- Protocols: TCP/IP, subnetting, packet flow analysis, port mirroring

Intrusion Detection & System Security:

- Built and configured IDS using Suricata for real-time network traffic monitoring and threat analysis
- Implemented iptables firewall rules to filter and control network traffic
- Integrated with managed switches via port mirroring to capture live packets

Programming & Scripting:

- Python, C, C++, Bash – automation scripts and security tooling
- JavaScript (Node.js, Express), React, TypeScript – full-stack web application development

Web & Database Technologies:

- Node.js, Express.js, MongoDB, Supabase, REST APIs
- React, Vite, TypeScript, Tailwind CSS, Framer Motion
- Security: Helmet.js, rate limiting, express-validator, CORS, JWT authentication

Cloud & Infrastructure:

- Cloud computing fundamentals: virtualization, storage, compute services
- Agentic AI, Retrieval-Augmented Generation (RAG), MongoDB AI Agents

PROJECTS

Raspberry Pi-Based IDS & Firewall [In Progress]

- Designed and built a portable network security device using Raspberry Pi for real-time traffic monitoring
- Deployed Suricata for intrusion detection, custom rule creation, and threat analysis
- Configured iptables firewall rules to filter and control inbound/outbound traffic
- Integrated with a managed switch via port mirroring to passively capture live network packets
- Continuously analyzing suspicious traffic patterns to improve detection accuracy
- Technologies: Raspberry Pi, Suricata, iptables, Linux, port mirroring

AEGIS WAF – Web Application Firewall Dashboard *[In Progress]*

- Built a React-based WAF dashboard with live traffic stats, request logging, rule management, and IP blocking
- Integrated Anthropic API for AI-powered threat explanation and analysis
- Designed with plans to extend into a production-grade reverse proxy backend (Python/Node.js)
- Technologies: React, TypeScript, Tailwind CSS, Anthropic API, Redis

Cybersecurity Portfolio Website *[Completed]*

- Developed a full-stack portfolio site with dark theme, animations, and production-grade security
- Implemented Helmet.js, rate limiting, express-validator, CORS, and secure REST APIs
- Technologies: React, Vite, TypeScript, Tailwind CSS, Node.js, MongoDB, Framer Motion

MarkIT – Attendance Management Web Application *[In Progress]*

- Designed and developing a role-based web application for college attendance management
- Implemented secure authentication with Admin, Staff, and Student roles using Supabase
- Developed modules for class management, student enrollment, attendance tracking, leave requests, and internal messaging
- Technologies: Node.js, Express, Supabase, JavaScript

EXPERIENCE

AI for Sustainability Virtual Intern | 1M1B – IBM SkillsBuild & AICTE *[Dec 2025 – Feb 2026]*

- Completed virtual internship focused on Artificial Intelligence and sustainability aligned with UN SDGs
- Gained hands-on exposure to AI tools, responsible AI practices, and real-world problem-solving
- Worked with Agentic AI and Retrieval-Augmented Generation (RAG) for practical use cases
- Developed analytical and impact-driven problem-solving skills through structured tasks

CERTIFICATIONS

- Introduction to Cybersecurity – Cisco Network Academy (2025)
- Cybersecurity Essential Practices – NPTEL (2025)
- Python for Data Science – NPTEL (2025)
- Design Thinking – NPTEL (2025)
- Completion of C++ Training – Spoken Tutorial, IIT (2025)
- Building AI Agents with MongoDB – MongoDB (2026)

LANGUAGES

- Tamil (Native)
- English (Professional Working Proficiency)