

# M.HAJMAL IRFAN

Cybersecurity Analyst (Student) | Frontend Developer | UI/UX Designer

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GitHub: <https://github.com/hajmalirfan?tab=repositories> | Leet Code: <https://leetcode.com/u/hajmalirfan/> |

| Pico Ctf: <https://play.picoctf.org/irfan/> |

## PROFESSIONAL SUMMARY

**Highly driven cybersecurity enthusiast** with practical knowledge in **network security, vulnerability assessment**, and modern web application security aligned with **OWASP principles**. Experienced in frontend development and UI/UX design, with a proven ability to build secure, innovative software solutions, including Web **applications**. Known for strong analytical thinking, rapid learning, and a future-focused mindset aimed at solving real-world security and software challenges.

## CORE TECHNICAL COMPETENCIES

**Cybersecurity & Networking** - Foundational Network Security, OWASP Awareness, Web Application Security Principles

**Tools:** Wireshark, Nmap, Burp Suite

**Development & Tools** - HTML, CSS, JavaScript ,Python , RESTful API Integration, Git / Version Control, Software Design

**UI/UX & Design** - Figma (Wireframing), Adobe Photoshop, User Flow Design & Accessibility,Design Systems & Interaction Design

**Soft Skills** - Team Leadership, Quick Learning, Strong Problem-Solving , Adaptive & Forward-Thinking

## ACADEMICEN PROJECTS

### 1. Blood Donation App (Android / Web)

- ➔ **Developed** a full-stack software platform featuring a secure Login/Registration system and a live donor availability module.
- ➔ **Integrated** geo-location APIs to enable real-time, location-based donor search, significantly improving emergency matching efficiency.

### 2. Blue Carbon Monitoring System (Blockchain POC)

- ➔ **Designed** a prototype application to secure environmental datasets using **blockchain concepts** and an immutable ledger to prevent data tampering.
- ➔ **Constructed** a web dashboard for data review and **Smart Contract-based verification workflow**.

### 3. Next-Farming Agent (AI-Based System)

- ➔ **Implemented** a software system that integrates a **Weather API** and delivers guidance via a chatbot-style digital assistant.
- ➔ **Developed** the simple web UI for real-time data display and access to the ML-based crop recommendation model.

## EDUCATION & STRENGTHS

### Bachelor of Engineering in Computer Science and Engineering (Cyber Security)

J.J. College of Engineering and Technology, Tiruchirappalli

**Affiliation:** Anna University, Chennai

**CGPA: 7.94 | 2028**

**Strengths** - **Technical Curiosity**, Strong Problem-Solving, Detail-Oriented, Adaptable, Professional Communication.

## LANGUAGES PROFICIENCY

**Tamil** - ( reading/writing/speaking)

**English** - ( reading/writing/speaking)

**Arabic** - ( reading/writing)

## INTERNSHIP EXPERIENCE

### Frontend Developer & UI/UX Intern — Securix Service (Startup)

Duration: 2025– Till Date

- Contributed to the front-end development and UI/UX design cycles for live startup projects.
- Designed UI wireframes and mockups using Figma, translating prototypes into functional, responsive web pages (HTML/CSS/JS).
- Enhanced user journeys, navigation, and accessibility, supporting continuous product improvements.
- Gained experience collaborating in a fast-paced development environment and optimizing interface performance.

## HACKTHON COMPETITION EXPERIENCE

### Bharatiya Antariksh Hackathon 2025

- Submitted an innovative solution for a national-level space and technology innovation hackathon.
- Demonstrated creativity, curiosity, and strong problem-solving mindset toward real-world space challenges.
- Recognized for contributing to India's space innovation journey.

### National Level Hackathon – SRM TRP Engineering College (24-Hour Event)

- Participated in a 24-hour national hackathon focused on software and app development.
- Showcased practical skills, creativity, and commitment in addressing real-world technical problems.
- Collaborated effectively within a team environment under time-critical conditions.

### Adobe India Hackathon – 2025

- Applied coding and logical reasoning to solve problem statements under evaluation conditions.
- Demonstrated strong aptitude in programming fundamentals and technical analysis.

## CERTIFICATIONS

### Social Engineering & Ethical Hacking 101 at CappricioSec University

- Built strong fundamentals in social engineering, phishing vectors, human-layer security, and prevention strategies.
- Performed hands-on SET (Social Engineering Toolkit) simulations, keylogger development basics, and real-world attack-defense scenarios.

### Linux & Web Bug Bounty Bootcamp at CappricioSec University

- Trained in Linux command-line operations, automation, and security-driven workflows.
- Practiced BurpSuite, web reconnaissance, vulnerability identification, injection attacks, SSRF exploitation, and structured bug-bounty methodologies.

## ACHIEVEMENTS

- **Student Membership – ACM Chapter**  
*J.J. College of Engineering & Technology*  
Recognized as an active student member contributing to academic and technical community initiatives.
- **Third Prize (National Level Technical Symposium):** Secured **Third Prize** in **Technothirst'25** (A.V.C. College of Engineering, March 2025) for presenting an innovative paper titled, "Blood Donation App: An Innovation Solution to Address Blood Shortages."
- **National Level Technical Presentation:** Recognized as a **Runner** for the **National Science Day 2025 - Technical Presentation** at J.J. College of Engineering and Technology (February 2025), demonstrating successful completion and active participation.

## DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place :

Date :

M.Hajmal Irfan