

# PARITHIKRISHNAN M

🔗 [parithikrishnan.me](https://parithikrishnan.me) ✉ [parithikrishnan.mahendran@outlook.com](mailto:parithikrishnan.mahendran@outlook.com) ☎ 8248857209

🐙 [github.com/Parithikrishnan](https://github.com/Parithikrishnan) 🔗 [linkedin.com/in/parithikrishnan](https://linkedin.com/in/parithikrishnan) 📍 Coimbatore, Tamil Nadu

## Education

**M. Sc Decision and Computing Sciences (5 years integrated)**, *Coimbatore Institute of Technology* 🔗  
2023 – 2028  
CGPA: 7.31 [Till 3rd sem]

## Skills

### Programming languages

C, C++, Python, BASH, Javascript

### Operating Systems

Linux (Arch, Debian), Windows (Client)

### Tools and Frameworks

Wireshark, Nmap, Netcat, Burp Suite, Caido, Nikto, Cuckoo Sandbox, OWASP Top 10

### Database

MySQL, Oracle, MongoDB, PostgreSQL

### Version Control & Containerization Tools

Git, Github, Docker, Gitlab

## Projects

### Ransomware Detection and Prevention tool 🔗

A real-time ransomware detection tool that monitors, analyzes, and quarantines threats to secure systems.

### Web based Wifi Network Analyser 🔗

Intercepts and logs all the domains accessed in a specific wifi network

### Social Data Scraping Engine 🔗

Social media data scraper using username

### CipherLink 🔗

A secure local network chat and file-sharing application

### Cryptographic Cipher with Keylogger 🔗

Obfuscation using ROT13 and a silent Keylogger recording keystrokes

### AI Driven IDS for CAN Bus Networks 🔗

Automatically predicts whether the network activity is malicious or benign using supervised machine learning models such as Random Forest and Isolation Forest

## Certificates

- Cyber Security for Businesses - EC-Council
- Linux Workshop - FOSS CIT
- Network and Network Security - Prompt Infotech

## Profile

Cybersecurity enthusiast passionate about Hacking, Network and Communication Security and building secure systems. Constant learner exploring FOSS, information security, and decentralized technologies

## Professional Experience

### Tech Team (Part time), *Strategic Knights*

06/2025 – 08/2025

- Worked on projects such as social media scraping, billing software, and timesheets. Learned web scraping, automation, and software development.

## Roles

### Joint Secretary,

*FOSS - CIT(Free and Open Source Software)*

2025 – Present

### Technical Team Member,

*FOSS - CIT(Free and Open Source Software)*

2024 – 2025

## Co-curricular activities

### Hackathon

- Participated in "CodeOClock" a 24 hour hackathon conducted by AIDS Department, CIT.
- Participated in "DevSpark" a 24 hour hackathon conducted by KPRIET.
- Participated in "Breach Point" a CTF conducted by PSG Tech.

### Workshops Conducted

- Conducted 2 sessions on Linux Command Line as part of a workshop organized by FOSS-CIT.
- Led a Git and GitHub workshop organized by the Department of Decision and Computing Sciences.
- Conducted a Docker workshop conducted by FOSS-CIT.
- Conducted a MongoDB workshop organized by FOSS-CIT.

## Areas of Interest

- Networking & Communication
- Cybersecurity
- Web & Internet Technologies
- Operating Systems
- IoT