PARITHIKRISHNAN M

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🐙 github.com/Parithikrishnan in linkedin.com/in/parithikrishnan 📍 Coimbatore, Tamil Nadu

Education

M. Sc. Decision and Computing Sciences (5 years integrated), *Coimbatore Institute of Technology* 🔗
2023 – 2028 | Coimbatore
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