

PRANESH RAJU

pranesh8880@gmail.com | +91 9566986874, | [Linkedin](#) |

Salem, TamilNadu, 637104

Dedicated and enthusiastic cybersecurity student presently working toward an MSc in Cybersecurity. I'm excited to use my expertise in network security, encryption, and vulnerability assessment to advance the field, building on my foundation in Electronics and Communication Engineering (B.E.). I want to use my advanced education and experience to safeguard vital systems and data in the rapidly changing digital world of today, with an emphasis on enhancing organizational resilience against cyber threats.

EDUCATION

Amity University Bengaluru

Masters of science in cybersecurity

2024-2026

KPR Institute of Engineering and Technology | Coimbatore, India

Bachelor of Engineering in Electronics and Communication Engineering

2020-2024

SKILLS

VAPT(Basics): Nmap, Wireshark, burp suite, X64dbg, Metasploit, Figma, DaVinci Resolve.

Operating Systems Basics: Linux [Debian based distros], Microsoft Windows.

Knowledge Areas: Basics - Web Application Security, Malware analysis, Ui / Ux designing and Front-End web-development.

Ability / Skills: Good communication skills, presentation skills, leadership skills, problem-solving ability, Static code skills.

PROJECTS

Robot sensing obstacles using Arduino – **Bachelors**

May 2020

- An Obstacle avoiding robot is an autonomous mobile robot that avoids collision with unexpected obstacles.
- It is an Arduino-based robot that uses Ultrasonic range finder sensors to detect the impediments ahead and avoid collisions.

IoT-Based Smart Aquaponics System – **Bachelors**

Nov 2022

- The goal of the Internet of Things (IoT)-Based Smart Aquaponics System project is to build an automated and intelligent aquaponics system that makes use of IoT technologies for effective monitoring, control, and optimization of the aquaponics environment.
- This system combines sensors, actuators, and data analytics to produce an aquaponics method that is both technologically advanced and environmentally friendly.

Ai based drowsiness detection for drivers – **Bachelors**

Mar 2024

- The goal of the Ai based drowsiness detection for drivers is to detect and protect the drivers from the accident
- We have used YOLO algorithm which can able to recognize the face of the driver continuously if there is

Area of interest in Cybersecurity

WEB Pen testing, Networking, SOC, Iot and Hardware security, Both Red-team and Blue-team

Project related to Cybersecurity

USB Keylogger using Webhook

Mar 2023

WORK EXPERIENCE – (INTERNSHIP)

Bug Bounty Intern | Hackup-Technology, Coimbatore, India

Jun 2022 - Jul 2022

- identifying and reporting security vulnerabilities within web applications and networks.
- Utilized ethical hacking techniques to ensure the integrity and resilience of digital assets.

Cyber security Engineer | Cybersecurity-Nxxt, Coimbatore, India.

Feb 2023 – Feb 2024

Development and research, learning Web, Networkpentesting, engaging in CTF on Hackthebox, and spotting bugs on live in real time websites