

PERSONAL INFORMATION

KISHORE SENTHAMARAI KANNAN

📍 Puducherry, India (Willing to Relocate to Romania/EU)

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🔗 <https://portfolioro.vercel.app>

📅 Date of Birth: 28 Aug 2004 | 🗣 Languages: English (Fluent), Tamil (Native)

PROFESSIONAL SUMMARY

Motivated and globally-minded Computer Science student specializing in Cybersecurity and IoT. Skilled in Python, Django, Flutter, and ethical hacking tools like Flipper Zero clone. Demonstrated ability to deliver complete technical solutions, from backend APIs to mobile UIs and embedded systems. Seeking entry-level roles in Romania to contribute to international tech teams and expand cross-border knowledge.

TECHNICAL EXPERIENCE

🔒 DNA-Based Encryption System

Role: Backend Developer | Tech: Python

- Developed a lightweight encryption model inspired by DNA sequencing.
- Implemented base-pair logic for secure data encoding, targeting cybersecurity use cases.

📄 Full-Stack Blog Web App

Role: Full-Stack Developer | Tech: Django, HTML, JavaScript, MySQL

- Built a responsive blog platform with user registration, post creation, and comment functionality.
- Integrated Django models, class-based views, and role-based user authentication.

🚑 Precision Rescue Ambulance Monitoring System

Role: IoT Developer | Tech: Arduino, gps

- Engineered an IoT solution to automate traffic signal priority for ambulances.
- Used RFID for vehicle detection and ESP32 for real-time signal control logic.

📡 Flipper CloneX – Wireless Tool Clone

Role: Embedded software developer | Tech: ESP32, RF Modules , IR sensors

- Creating a working prototype of a Flipper Zero for ethical hacking and RF analysis.
- Enabled wireless packet sniffing, signal replay, and remote access testing using custom firmware.

📱 CyberToolkit – Ethical Hacking Utility App

Role: Flutter Developer | Tech: Flutter, Dart, External APIs

- Developed a mobile app combining essential cybersecurity tools such as IP lookup, DNS resolver, hash generator, and port scanner.
 - Implemented tool logic using Dart and integrated select external APIs for real-time data when needed.
 - Designed a clean and intuitive UI with categorized tools for easy navigation and partial offline support.
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EDUCATION

August 2021 – June 2026
Bachelor of Technology (B.Tech) in Computer Science and Engineering
Specialization: IoT and Cybersecurity (including Blockchain)
Manakula Vinayagar Institute of Technology, Puducherry, India

SKILLS

Language Skills

- English – Fluent (speaking, reading, writing)
- Tamil – Native

Technical Skills

- python – DNA Encryption, Scraper
- Flutter – Mobile UI
- Django – Blog Backend
- IoT Systems – ESP32, RFID, Sensors (Ambulance Project)
- Ethical Hacking – Flipper CloneX, Packet Sniffing, Wireless Testing
- Web – HTML, CSS, JavaScript (used in full-stack blog site)

Organisational Skills

- Team Project Lead
 - Self-learning: Internships
 - Time Management
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CERTIFICATIONS

Django Full Stack Development – FITA Academy, 2024
Covered Django models, views, authentication, REST APIs, and deployment

TOOLS & PLATFORM

- Git & GitHub
 - MySQL
 - Visual Studio Code
 - Linux (Basic Commands)
 - Canva (for design & documentation)
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DECLARATIONS

I consent to the processing of personal data provided in this document for the purpose of conducting the recruitment process, in accordance with the General Data Protection Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016.