KISHORE SENTHAMARAI KANNAN

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

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LinkedIn: linkedin.com/in/kishore-senthamarai-kannan

GitHub: github.com/KishoreSK28 |

Portfolio: https://portfolioro.vercel.app

Languages: English (Fluent), Tamil (Native)

PROFESSIONAL SUMMARY

Results-driven Software Developer with hands-on experience building backend systems, REST APIs, and full-stack applications using Python, Django, and Flutter. Developed multiple production-style projects integrating cybersecurity tools, IoT devices, and mobile technologies. Strong in problem-solving, scalable architecture, and clean code practices. Seeking software or backend developer roles in Romania/EU

TECHNICAL SKILLS

- Programming Languages: Python, Java, Dart
- Frameworks: Django, Flutter
- Backend: REST APIs, CRUD, Authentication, JSON
- Tools: Git, Linux, VS Code
- Databases: MySQL
- IoT/Embedded: ESP32, RFID, IR, RF
- Cybersecurity: Port scanning, packet sniffing, signal replay

PROJECTS

DNA-Based Encryption System

Role: Backend Developer | Tech: Python

- Designed a Python-based lightweight encryption algorithm inspired by DNA sequencing for secure data encoding
- Implemented base-pair logic to enhance confidentiality for cybersecurity use cases

Portfolio Website

Role: Flutter Developer | Tech: Flutter(Web), Dart

- Developed a personal portfolio website to showcase projects, skills, and technical experience using modern web technologies
- Designed responsive UI and deployed on Vercel for fast performance and accessibility

Flipper CloneX – Wireless Tool Clone

Role: Embedded Software Developer | Tech: ESP32, RF Modules, IR sensors

- Created 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

- Built a Flutter-based cybersecurity toolkit app with DNS lookup, IP tracing, and port scanning features
- Integrated REST APIs for real-time data and designed a modular, offline-capable UI

EDUCATION

B.Tech - Computer Science and Engineering (IoT and Cybersecurity including Blockchain)

Manakula Vinayagar Institute of Technology | 2022 – 2026