SK.KISHORE

ENGINEERING STUDENT

CONTACT

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SKILLS

Front-End Development
- HTML
- CSS
- JavaScript

FrameWork
- Flutter

Back-End Development
- Python(django)

Programming Languages
- C
- C++
- DART
- javascript
- java

Bachelor of Technology in CSE(ICB)

Manakula vinayagar institute of technology

2021- present

Expected graduation year 2026

Higher secondary education(12th grade)

K.S.P Hr Sec School

2021-2022

percentage : 75

Secondary school certificate(10th grade)

Thillayadi Govt High school

2019-2020

percentage : 70

PROFILE

Energetic B.Tech student specializing in IoT and Cybersecurity with hands-on experience in innovative projects like traffic management using IoT and secure data encryption with DNA. Quick learner passionate about problem-solving and emerging technologies.

WORKEXPERIENCE

Projects

Precision Rescue Intelligence Monitoring System   2023-2024

My Role

Code development

Developed the primary code for GPS tracking using the TinyGPS++ library to accurately monitor ambulance locations. Established a reliable communication link between ambulances and traffic signal control systems to prioritize emergency vehicles. Designed and Executed Wiring Setup Created and implemented the wiring configuration for the Arduino Uno board, ensuring seamless integration of all hardware components for optimal system performance.

DNA Based Encryption System   2024-2025

My Role

Code development

developed a DNA-based encryption system using Python, incorporating advanced cryptographic techniques. Additionally, I implemented socket programming to facilitate more convenient data transmission within this encrypted system.

Blog Site (Personal/Academic Project)

Developed a dynamic and responsive blog site focused on delivering an exceptional user experience. Implemented key features like secure authentication, content management, and interactive comments. Integrated a seamless front-end for smooth navigation and real-time interactions. Leveraged Django for efficient database handling, API development, and server-side logic. Applied strong problem-solving skills to debug issues, conduct thorough testing, and refine features based on user feedback. Optimized performance while incorporating user-centric design principles.

Flipper CloneX

My Role

Code development

Developing a custom Flipper Zero clone with enhanced functionalities, focusing on hardware replication, firmware development, and signal analysis. Implementing wireless communication protocols, including RFID, NFC, and infrared, while optimizing security and performance. Gaining hands-on experience in embedded systems, reverse engineering, and IoT security, demonstrating strong problem-solving skills and technical expertise.