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Kaniha S

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Summary

Creative problem-solver with strong skills in programming, circuit design, and automation projects. Dedicated to delivering innovative technology-driven solutions.

Education

M Kumarasamy College of Engineering *2023–2027*
B.E in Electronics and Communication Engineering

- CGPA: 8.1 (Till 4th Semester)

Cheran Matriculation Higher Secondary School *2022–2023*
HSC

- Percentage: 87%

Cheran Matriculation Higher Secondary School *2020–2021*
SSLC

- Percentage:Non Exam Year(Promoted as per COVID-19 grading policy)

Experience

Control System and Instrumentation Intern *Karur, Tamil Nadu — July 2025*
TNPL

- Gained hands-on experience in monitoring and maintaining industrial control systems.
- Assisted in automation and instrumentation projects, improving technical problem-solving skills.

Projects

Edunet Foundation - CyberSecurity *View Repository*

- Learned the fundamentals of network security, cryptography, and ethical hacking concepts.
- Tools Used: Python

AssetPilot Landing Page *View Repository*

- Built an intelligent web application that empowers users to trade confidently through live analytics and smart recommendations.
- Tools Used: HTML, CSS

Secured Door Lock System

- Developed an automated door locking system to enhance safety, using a microcontroller to detect authorized access and control the locking mechanism efficiently.
- Tools Used:
  - **Hardware:** Arduino Uno, Servo Motor/Actuator
  - **Software:** Arduino IDE (C/C++ Programming)

Technical Skills

Programming Language: Java(Basic)

Tools: GitHub, Visual Studio Code

Soft Skills: Problem Solving

Area of Interest: Embedded Systems and IoT, Cybersecurity