

Kaniha S

Karur, Tamil Nadu

+91 8838087734 | kanihasaravanan28@gmail.com [✉](mailto:kanihasaravanan28@gmail.com) | www.linkedin.com/in/kaniha-s [🔗](https://www.linkedin.com/in/kaniha-s) | github.com/kanihas [🔗](https://github.com/kanihas)

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 <i>B.E in Electronics and Communication Engineering</i> <ul style="list-style-type: none">CGPA: 8.1 (Till 4th Semester)	<i>2023–2027</i>
Cheran Matriculation Higher Secondary School <i>HSC</i> <ul style="list-style-type: none">Percentage: 87	<i>2022–2023</i>
Cheran Matriculation Higher Secondary School <i>SSLC</i>	<i>2020–2021</i>

Experience

Control System and Instrumentation Intern <i>TNPL</i> <ul style="list-style-type: none">Gained hands-on experience in monitoring and maintaining industrial control systems.Assisted in automation and instrumentation projects, improving technical problem-solving skills.	<i>Karur, Tamil Nadu — July 2025</i>
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Projects

Edunet Foundation - CyberSecurity <ul style="list-style-type: none">Learned the fundamentals of network security, cryptography, and ethical hacking concepts.Tools Used: Python	<i>View Repository 🔗</i>
AssetPilot Landing Page <ul style="list-style-type: none">Built an intelligent web application that empowers users to trade confidently through live analytics and smart recommendations.Tools Used: HTML, CSS	<i>View Repository 🔗</i>
Secured Door Lock System <ul style="list-style-type: none">Developed an automated door locking system to enhance safety, using a microcontroller to detect authorized access and control the locking mechanism efficiently.Tools Used:<ul style="list-style-type: none">Hardware: Arduino Uno, Servo Motor/ActuatorSoftware: Arduino IDE (C/C++ Programming)	

Technical Skills

Programming Language: Java

Tools: GitHub, Visual Studio Code

Soft Skills: Problem Solving

Area of Interest: Embedded Systems and IoT, Cybersecurity