SOWMIYA T

📞 (+91)6382154155   ✉ sowmiyat791@gmail.com

in linkedin.com/in/sowmiya-t-6001022a3

Education

B.Tech - Information Technology	**(2022– 2026)**
Karpagam Institute of Technology, Coimbatore	CGPA 8 . 3 3

Certifications

Java Programming   **(Nov 2024)**

Great Learning Academy | Great Leaning

- Topics includes Basic java syntax, Data Structure, Java collection framework and Basic oops concept
- Proficient in Logical Thinking and Programming in Java.

Cloud Infrastructure(Oracle).

Igen energathon(Participation).

IASICT'24(Participation) on Artificial Intelligence.

Design impact movement(Participation).

Projects

Smart Irrigation Systems|Smart India Hackathon (2023-2024)

- **Smart Irrigation Systems**: Designed and implemented data-driven, automated irrigation systems to optimize water usage, increase crop yields, and reduce resource waste.
- **Ultrasonic Bird Repellents**: Developed and deployed ultrasonic devices to deter birds from farms, improving crop protection while minimizing environmental impact.

Three level Password Authentication Systems|IASICT'24(2023-2024)

- Developed a multi-layer security authentication system featuring **password, OTP (One-Time Password), and biometric verification** to enhance user access control.
- Integrated **encryption algorithms** for secure data transmission and **real-time authentication** to prevent unauthorized access.
- Implemented **user-friendly interfaces** and **multi-platform support**, improving system usability and security.

Technical Skills   Soft Skills

- Programming | Java   Leadership
                                                              Team Work
- Frontend | React   Critical Thinking

- Database | Mysql