

VINOTH KUMAR M

STUDENT

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Sangalpatti, Nilakottai, Dindigul - 624215

Profile

Enthusiastic IT aspirant with problem-solving experience on LeetCode and GeeksforGeeks, eager to learn and contribute effectively. Strong fundamentals in algorithms, data structures and systems.

Education

Government College of Engineering, Bodinayakanur

2022–2026

Bachelor of Engineering in Electrical and Electronics Engineering

Skills

- Programming: C++
- Tools: VS Code, Sublime Text editor
- Problem Solving: LeetCode, GfG
- Courses: Operating Systems, DBMS, C

Projects

Sand Battery — Sustainable Thermal Energy Storage System

- Designed a thermal energy storage prototype using sand as a low-cost, eco-friendly medium to store excess renewable energy.
- Implemented charging, storage, and discharging mechanisms to demonstrate heat retention and controlled energy release.
- Analyzed efficiency, grid-integration potential, and scalability for real-world deployment; highlighted benefits such as long lifespan and zero-emission operation.

Languages & Interests

Languages: Tamil, English

Interests: Football, Video Gaming, Politics

Achievements & certificates

Certificate: Completed Problem Solving through Programming in C by IIT Kharagpur.

Achievement: Ranked 2 in 10th and 12th grade in my school.

Declaration

I hereby declare that the above information is true to the best of my knowledge.