KOKILA D

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Tiruvannamalai Tamil Nadu India

Leet Code | LinkedIn | Portfolio | Github

Education

B.Tech. Information Technology — **Vellore Institute of Technology, Vellore**

2021-2025 — CGPA: 9.01

Higher Secondary Education — **Government Higher Secondary School, Kunnathur**

2020-2021 — Percentage :97.2%

Secondary Education — **Government Higher Secondary School, Kunnathur**

2018-2019 — Percentage :96.6%

Projects

Online voting system (HTML,CSS,PHP,MySQL)

Developed a secure and intuitive online voting system enabling registered users to vote electronically with reliability and efficiency. The system ensures transparency and accuracy in the election process, with security enhanced by the AES encryption algorithm.

Coupon Purchase Prediction - ML Model (Python, Decision Tree Algorithm)

Developed a decision tree-based machine learning model to predict coupon purchase behavior, trained on a classification dataset and evaluated for accuracy in forecasting user purchase decisions.

Smart Helmet with Alcohol Detection (IR Sensor, MQ3 gas sensor, ESP8266 NodeMCU(x2), MIT app Inverter)

Developed an innovative IoT-based rider safety system, "Helmet Guardian," designed to enforce critical safety protocols automatically before the ignition of a motorcycle. The system integrates advanced sensors and wireless communication technology to ensure responsible riding. **Youtube Link**

Achievement

- Selected for 100% Scholarship under **"STARS"** scheme in VIT.
- **District 1st Mark** in Higher Secondary Exam among Government Schools.
- Selected for National Means cum Merit Scholarship (**NMMS**)
- Solved over 100 coding problems on LeetCode, showcasing strong problem-solving skills.

Skills

- **Languages:** Java
- **Domains:** Web Development (Front end) Beginner
- **Database:** SQL (ORACLE)
- **Soft skills:** Problem-solving, Team Collaboration, Project Management

Certificates

- Java
- Excel
- SQL for Data Science
- Google Cloud Computing Foundations

Area of Interest

- Database Management System
- Operating systems