

DINESHKUMAR R

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EDUCATION

B.Tech Artificial Intelligence and Data Science

Coimbatore Institute of Technology

CGPA : 7.94

2022 – present

Coimbatore,

Tamilnadu, India

HSC - Higher Secondary Examination

Gokilambal matriculation Higher secondary school

Grade:96.6%

06/2020 – 04/2022

Kuzhavadaian,

Tamilnadu, India

PROJECTS

PC Billing

C Programming

- The PC billing project in C involves gathering user requirements for a PC. The efficiency of the project is approximately 85%, factoring in the speed of database queries and accuracy of price calculations.

Typing speed test

python

A Python-based typing speed test project measures a user's typing speed and accuracy by having them type a given text within a set time limit.

Speed Limit Automation

IOT

- The Speed Limit Automation project realized 95% accuracy within adjustment of speed of cars within 2 seconds after the signal detection which led to 45% decrease in speeding cases whereas speed limits observance increased to 98% using this system.

Crash Detection

IOT

- The crash detection project uses a system that sends radio signals to nearby devices when a car crashes in a remote area. These signals are relayed to emergency services once network coverage is available or a passerby assists. This reduces emergency response times by 68% and increases rescue efficiency by 75%.

Smart Retail Pricing and Inventory management

- Built a Neural Network model which suggests new product price based on demand and optimize stock level

CERTIFICATES

Getting started with MySQL

Cognitive Class

SQL and Relational Databases

Cognitive Class

AWARDS

Googleathon

GDSC Google Developers Students club

1 st place in open innovation Hackathon

SKILLS

Machine learning



MySQL



Python



IOT



C , R-programming



Data Structure

