SANTHOSHKUMAR K

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SUMMARY

A Self motivated individual with a strong passion for AWS Cloud, Front-End and Data Oriented Projects.Looking for an opportunity to work in a dynamic environment where I can expand my knowledge, improve my interpersonal skills and contribute effectively to project tasks and to the company

SKILLS

- AWS Cloud: EC2, S3, RDS, CloudFormation, Cost Optimization and Budgeting, Terraform, Docker.
- Programming Language : Java(Basic)
- Data Analyst : Data Visualization(PowerBI),Business Intelligence Tools,Excel(Pivot Tables).
- Front-end Technology : HTML,CSS.

PROJECTS

Emotional Detection In Text - Mini Project   September 2022 – Jan 2023

- The project in contexts like social media sentiment analysis and mental health monitoring,Used NLP techniques for text preprocessing.The machine learning model to detect and classify emotions from text input and visualized the image
- Worked with data sets containing labeled emotional text (e.g., joy, anger, sadness, fear) also detected 23 different kinds of emotion

AI Enable Car Parking Using Open CV-IBM Project   June 2023 – Aug 2023

- This project builds an intelligent car parking system using OpenCV and Python to detect and track vacant parking spots. Implemented real-time video processing to monitor parking space occupancy using CCTV footage or live feed.
- Applied machine learning techniques or rule-based logic for decision-making on parking availability. Designed a user-friendly interface to display parking status dynamically. Improved parking space utilization and reduced manual supervision through automation and identification of the presence of vehicles in each slot.

Nutrition Deficiency Predicting Using ML - Final Year Project and Hackathon   Jan 2024 – April 2024

- Designed to support preventive healthcare and diet planning through early detection of deficiencies, collected and preprocessed data involving user eating habits and lifestyle attributes.
- An intuitive interface or report system for easy interpretation of results and health insights.

EDUCATION

Under Graduation - CGPA : 8.58   Sep 2020 - May 2024

B.Tech - Computer Science and Business Systems,

Knowledge Institute of Technology - Salem

HSC - Percentage : 75   June 2018 - March 2020

ERK Higher Secondary School

SSLC - Percentage : 88   June 2016 - March 2018

ERK Higher Secondary School

CERTIFICATION

- Google Data Analyst : Coursera.
- Niral Thiruvizha Hackathon State Government - Grand Final Certification
- Object Recognition ML and DL - Infosys
- Best Achiever Award 2024