SATHIESH PRABHU R

3rd Year B. Tech Student
Artificial Intelligence and Data Science
MEPCO Schlenk Engineering College, Sivakasi.

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EDUCATION

Bachelor of Technology

MEPCO Schlenk Engineering College, Sivakasi

2022 - Present

CGPA : 7.96 upto 5th semester

HSC

K. M. K. A. Matriculation Higher Secondary School, Thiruthangal

2021 - 2022 Percentage : 87.167%

SSLC

K. M. K. A. Matriculation Higher Secondary School, Thiruthangal

2019 - 2020 Percentage : 82.2%

SKILLS

- Programming Language – C, Python, JAVA
- DataBases
  - MySQL
  - MongoDB
  - Neo4j
  - Cassandra
- Web Page Development (HTML, CSS, JAVASCRIPT)
- Design in Canva
- MS Office – Word, PowerPoint, Excel

LANGUAGE

- Tamil
- English

Achievements

- Zonal level Volleyball player
- Mathematics topper in HSC in the School

ABOUT ME

Aspiring software engineer passionate about developing innovative, large-scale, and resilient technology solutions. Possesses strong analytical and problem-solving skills, as well as hands-on experience in software development, machine learning, and deep learning. Enthusiastic about collaborating with teams to create secure, scalable applications while continuously learning about industry-wide technology trends and best practices

MINI PROJECTS

Insurance Data Analysis

- This project aims to find the best insurance company by their performance and customer satisfaction and analyzes data on claims, reviews, policies, costs, and financial health from multiple insurers.

Reference Link

Deepfake Detection Using Combined Models

- This project implements a deepfake detection system utilizing a combination of Vision Transformer (ViT) and StyleGAN models. The system analyzes video frames and audio to predict content as either real or fake.

Reference Link

Image Enhancement using SRGAN

- Developed an image enhancement system using SRGAN to upscale low-resolution images while preserving details and texture

Reference Link

Transport Data System Management

- This project develops a transport data management system using Python and MySQL. It aims to streamline operations by managing vehicle details and schedules.

Reference Link

Chest X-ray with CNN Classification

- This project classify chest X-ray images into normal and pneumonia-affected categories which uses a Convolutional Neural Network (CNN) built with TensorFlow.

Reference Link

Recipe Recommendation in NoSQL database

- Developed a Flask-based web app using MongoDB and Cohere AI for searching, generating, and combining recipes. Designed an intuitive UI with optimized database queries for efficient recipe management and a seamless user experience.

Reference Link

CERTIFICATES

- Programming with JAVA (in NPTEL)
- Basic HTML Language (in Bignay)
- C++ Programming (in Bharathidasan University)
- Certificate of appreciation for participated in MEPEXPO'24
- Certificate of participation in Internal Hackathon for SIH 2024
- Associate in IT Foundation Skills Java-(in Infosys SpringBoard)
- Completed IEEE English for Technical Professionals
- Certificate of participation in the workshop “IT Career Forge”