



DHARSHINI S



OBJECTIVE

Aspiring AI and Data Science professional with a passion for leveraging machine learning and deep learning to solve real-world challenges. Enthusiastic about data-driven decision-making, pattern recognition, and building intelligent systems. Eager to contribute innovative solutions through technical expertise and problem-solving skills, while continuously learning and adapting to emerging technologies.

EDUCATION

UG : KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY (ARTIFICIAL INTELLIGENCE AND DATA SCIENCE)
SGPA : 8.46
2022-2026

HSC : PGP MATRIC HR.SEC.SCHOOL
PERCENTAGE : 87%
2021-2022

SSLC: KAMARAJAR MATRICULATION SCHOOL
PERCENTAGE : 98%
2019-2020

SKILLS

- Java
- Python
- SQL
- Machine Learning
- Generative AI
- Data Science
- Hadoop
- Apache kafka

CONTACT

- +91 8148454695
- ddhachu284@gmail.com
- Namakkal - 637404

LANGUAGES

- Tamil
- English

PROJECTS

1.Salary Prediction

Tools: Python, Pandas, Scikit-Learn, NumPy, Matplotlib

Description: Built a machine learning model to predict salaries based on factors like experience, education, and job role. Used data preprocessing, feature engineering, and regression algorithms to improve accuracy.

2. Real-time Stock Market Analysis using Apache Kafka

Tools: Apache Kafka, Python, Amazon Web Services

Description: End to end data Engineering project to analyse real-time stock market system using Apache Kafka for streaming and AWS for storage.

3. Desktop Voice Assistant

Tools: Natural Language Processing, Pyttsx3, Speech Recognition

Description: Developed a desktop voice assistant that listens to voice commands, responds with speech, and performs tasks like web searches and opening applications. Used SpeechRecognition for input and Pyttsx3 for voice output.

4.Hand Gesture Controlled Application

Tools: Python, Mediapipe, OpenCV, Tkinter

Description: A gesture Recognition model was developed using Mediapipe Model Maker. Tkinter applications such as image Viewer, Audio Player and Video Player were developed. The user interacts with the applications using hand gestures.

MY PROFILES



<https://www.linkedin.com/in/dharshini-sivakumar-5629a5272>



<https://github.com/dharshiniidhachu>



<https://www.hackerrank.com/profile/dharshinisivaku3>

AREA OF INTEREST

- Data Engineering
- Data Scientist
- Computer Vision
- Big Data

CERTIFICATIONS

- Python - Guvi Geeks Network
- Generative AI - Guvi Geeks Network
- Java Basics - Udemy
- HTML - Programming Hub

HOBBIES

- UI/UX Design
- Photography & Editing
- Dog Parenting

INTERNSHIP

- Internship on AI (30 DAYS) at Pantech Prolabs from 01/08/2024 to 30/08/2024
- Front-End Development (14 Days) at SDLC from 01/07/2024 to 14/07/2024

ACHIEVEMENTS

- Top 30 out of 250 Teams – International-level Online Hackathon organized by St. Joseph College of Engineering, Chennai.
- 1st Prize - Presented a Paper on "Smart Wheelchair using BCI" at KSR College of Engineering, Tiruchengode.
- 2nd Prize – Advo Zapsta (Poster Design) held at Kongu Engineering College, Erode.

CO-CURRICULAR ACTIVITIES

- Built a Credit Card Fraud Detection Model in Neura-Hack at KSR College of Technology, Tiruchengode.
- Developed a RAG Model Chatbot with Ollama in a 36-hour Hackathon held at New Prince Shri Bhavani College Of Engineering, Chennai.
- Participated in SAWiT-AI Learnathon by GUVI, gained experience in Gen AI.

EXTRA CURRICULAR ACTIVITIES

- Participated in Moonlight Talkshop – Engaged in insightful discussions organized by C2C Members at Kongunadu College of Engineering and Technology.
- IV Coordinator – Organized industrial visits for students.
- Solo Dance Performer – Performed at KSR College of Technology, Tiruchengode

PERSONAL INFORMATION

- Date Of Birth : 18/09/2004
- Age: 20
- Blood Group: AB+ve
- Father Name: V Sivakumar
- Mother Name: S Santhi
- Nationality: Indian
- Strength: Leadership, Problem-solving

PLACE: NAMAKKAL

DATE: 03/04/2025